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# References

This chapter provides a list of literature and references cited in this environmental impact statement.





# References

- Aber, J., N. Christensen, I. Fernandez, J. Franklin, L. Hidingen, M. Hunter, J. MacMahon, D. Mladenoff, J. Pastor, D. Perry, R. Slangen, H. van Miegroet. 2000. Applying ecological principles to management of U.S. national forests. *Issues in Ecology* No. 6.
- Adams, Darius and Greg Latta. 2007. Timber Trends on Private Lands in Western Oregon and Washington: A New Look. *Western Journal of Applied Forestry* 22(1) pp 8-14
- Adams, Paul. 2005. Research & Policies to Address Concerns about Soil Compaction from Ground-Based Timber Harvest in the Pacific Northwest: Evolving Knowledge & Needed Refinements. A paper presented at Council on Forest Engineering Conference on Soil, Water, and Timber Management: Forest Engineering Solutions in Response to Forest Regulation.
- Adair, Craig. 12 February 2007. American Panel Association, pers.com. Spreadsheet of North American structural panel production.
- Agee, James, K. 1993. "Fire Ecology of Pacific Northwest Forests." Island Press. Washington D.C.
- Agee and Skinner. 2005. Basic Principles of Forest Fuel Reduction.
- Ahlgren, Clifford E. 1979. Emergent seedlings on soil from burned and unburned red pine forest. *Minnesota Forestry Research Notes* No. 273, 4 p. [16910]. University of Minnesota, College of Forestry. St. Paul, MN.
- Alig, R.J., D. Zheng, T.A. Spies and B.J. Butler. 2000. Forest cover dynamics in the Pacific Northwest west side: regional trends and projections. Research Paper PNW-RP-522. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR
- Allen, Karen and Katherine Hansen. 1999. Geography of exotic plants adjacent to campgrounds, Yellowstone National Park, USA. *The Great Basin Naturalist*. 59(4): 315-322. [33975]
- Altman, B. 1999. Conservation strategy for landbirds in coniferous forests of western Oregon and Washington, Version 1.0. Oregon-Washington Partners in Flight.
- Altman, B. 2000a. Conservation strategy for landbirds of the east-slope of the Cascade Mountains in Oregon and Washington, Version 1.0. Oregon-Washington Partners in Flight.
- Altman, B. 2000b. Conservation strategy for landbirds in lowlands and valleys of western Oregon and Washington, Version 1.0. Oregon-Washington Partners in Flight.
- American Wind Energy Association. 2007. Installed & Projected MW, Oregon Wind Energy Development.
- Andersen Hal E. 1982. "Aids to Determining Fuel Models For Estimating Fire Behavior." General Technical Report INT-122. Intermountain Forest and Range Experiment Station, U.S. Department of Agriculture, U.S. Forest Service. Ogden, UT.
- Anderson, A.E. and O.C. Wallmo. 1984. *Odocoileus hemionus*. No. 219. in *Mammalian Species*. Lawlor, T.E, editor. The American Society of Mammalogists.



- Anderson, D.R., J. Bart, T.C. Edwards, Jr., C.B. Kepler, and E.C. Meslow. 1990. Status Review, Northern spotted owl *Strix occidentalis caurina*. 95pp. U.S. Fish and Wildlife Service, Portland, OR.
- Anderson, P.G., B.R. Taylor, and G.C. Balch. 1996. Quantifying the effects of sediment release on fish and their habitats. Canadian Manuscript Report of Fisheries and Aquatic Sciences No. 2346, Vancouver, British Columbia.
- Anderson, P.D., D.J. Larson, and S.S. Chan. *in press*. Riparian buffer and density management influences on microclimate of young headwater forests of western Oregon. *Forest Science* 53(2)
- Andrews, H.J., and R.W. Colwin. 1940. Forest Resources of the Douglas-fir Region. Miscellaneous Publication No. 389. U.S. Department of Agriculture, U.S. Forest Service.
- Anthony, R.G., R.L. Knight, G.T. Allen, B.R. McCeland, and J.I. Hodges. 1982. Habitat use by nesting and roosting bald eagle in the Pacific Northwest. *In: Transactions of the 47<sup>th</sup> North American Wildlife and Natural Resources Conference*. pp. 332-342. Wildlife Management Institute. Washington, D.C.
- Anthony, R.G., E.D. Forsman, A.B. Franklin, D.R. Anderson, K.P. Burnham, G.C. White, C.J. Schwarz, J. Nichols, J. Hines, G.S. Olson, S.H. Ackers, S. Andrews, B.L. Biswell, P.C. Carlson, L.V. Diller, K.M. Dugger, K.E. Fehring, T.L. Fleming, R.P. Gerhardt, S.A. Gremel, R.J. Gutiérrez, P.J. Happe, D.R. Herter, J.M. Higley, R.B. Horn, L.L. Irwin, P.J. Loschl, R.R. Reid, and S.G. Sovern. 2006. Status and Trends in Demography of Northern Spotted Owls, 1985-2003. *Wildlife Monographs* No. 163.
- Arora, D. 1997. *Mushrooms Demystified*. 2nd edition. 959 pp. Ten Speed Press. Berkeley, CA.
- Ashton, D.T., S.B. Marks, and H.H. Welsh, Jr. 2006. Evidence of continued effects from timber harvesting on lotic amphibians in redwood forest of northwestern California. *Forest Ecology and Management* 221(2006):183-193.
- Aubry, K.B. and C.M. Raley. June 2002. Ecological characteristics of fishers in the southern Oregon Cascade Range Final Progress Report. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service, Olympia, WA.
- Aubry, K.B. and J.C. Lewis. 2003. Extirpation and reintroduction of fishers (*Martes pennanti*) in Oregon: implications for their conservation in the Pacific states. *Biological Conservation* 114:79-90.
- Aubry, K.B., S.M. Wisely, C.M. Raley, and S.W. Buskirk. 2004. Zoogeography, spacing patterns, and dispersal in fishers: insights gained from combining field and genetic data. *In Proceedings of the 3<sup>rd</sup> International Martes Symposium: Martens and fishers (Martes) in human-altered environments: an international perspective*. pp. 211-230. D.J. Harrison and A.K. Fuller, editors. Springer Academic Publishers. New York, NY.
- Bailey, John D. and John C. Tappeiner. 1998. Effects of Thinning on Structural Development in 40 to 100 years-old Douglas-fir Stands in Western Oregon. *Forest Ecology and Management* 108(1998): 99-113.



- Bailey, John D., Cheryl Mayrsohn, Paul S. Doescher, [and others]. 1998. Understory vegetation in old and young Douglas-fir forests of western Oregon. *Forest Ecology and Management* 112(3): 289-302. [30086]
- Bailey, V. 1936. The Mammals and Life Zones of Oregon. *North American Fauna*. 55:1-416.
- Baker, P.J. and J.S. Wilson. 2000. A quantitative technique for the identification of canopy stratification in tropical and temperate forests. *Forest Ecology and Management* 127: 77-86.
- Baker, D. and C. Palmer. [in press]. The Northwest Forest Plan – The first 10 years (1994-2003): implementation monitoring: accomplishments and compliance with plan requirements. U.S. Department of Agriculture, U.S. Forest Service, Pacific Northwest Region. Portland, OR.
- Banci V. 1989. A Fisher Management Strategy for British Columbia. British Columbia Ministry of Environment, Wildlife Branch. Wildlife Bulletin No. B-63.
- Barrows, C.C. 1980. Feeding ecology of the spotted owl in California. *Journal of Raptor Research* 14:73-77.
- Beechie, T.J. and T.H. Sibley. 1997. Relationships between channel characteristics, woody debris, and fish habitat in northwestern Washington streams. *Transactions of the American Fisheries Society* 126:217-229.
- Beissinger, S.R. 1995. Population trends of the marbled murrelet projected from demographic analyses. *In: Ecology and conservation of the marbled murrelet* (C.J. Ralph, G.L. Hunt, M.G. Raphael and J. F. Piatt, editors). pp. 385-393. Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Albany, CA.
- Beissinger, S.R., and N. Nur. 1997. Appendix B: Population trends of the marbled murrelet projected from demographic analysis. *In: Recovery plan for the threatened marbled murrelet* (*Brachyramphus marmoratus*) in Washington, Oregon and California. pp. B1-B35. U.S. Fish and Wildlife Service. Portland, OR.
- Beissinger, S.R. 2002. Analysis of the effect of a 10% reduction of population size on marbled murrelet population dynamics in northern California. Unpublished report. 10pp. University of California. Berkeley, CA.
- Benda, L., D. Miller, J. Sias, D. Martin, B. Bilby, C. Veldhuisen and T. Dunne. 2003. Wood Recruitment Processes and Wood Budgeting. pp. 49-73. *In The Ecology and Management of Wood in World Rivers*. S. V. Gregory, K. Boyer, and A. M. Gurnell, editors. American Fisheries Society.
- Bender, L.C., G.A. Schirato, R.D. Spencer, K.R. McAllister, and B.L. Murphie. 2004. Survival, cause-specific mortality, and harvesting of male black-tailed deer in Washington. *Journal of Wildlife Management* 68(4):870-878.
- Bennett, M., Fitzgerald, S. Mechanical Fuels Reduction. Reducing Hazardous Fuels on Woodland Properties. Oregon Forest Resource Institute and Oregon State University. Corvallis, OR.
- Bentivoglio, N., J. Baldwin, T. Max, S. Miller, C.J. Ralph, M. Raphael, C.S. Strong and C.W. Thompson. 2002. Marbled murrelet population monitoring program for Northwest Forest Plan effectiveness monitoring. Annual report. 47 pp. U.S. Fish and Wildlife Service. Portland OR.



- Beschta, R., R. Bilby, G. Brown, L. Holtby and T. Hofstra. 1987. Stream temperature and aquatic habitat: Fisheries and forestry interaction. pp. 191-232. University of Washington, Institute of Forest Resources, Contribution No. 57.
- Beschta, R. 1997. Riparian shade and stream temperature: An alternative perspective. *Rangelands* 19(2):25-28. Oregon State University. Corvallis, OR.
- Beschta, R., M. Pyles, A. Skaugset and C. Surfleet. 2000. Peakflow responses to forest practices in the western cascades of Oregon, USA. *Journal of Hydrology*, 223 (2000) 102-120.
- Beschta, R., J.J. Rhodes, J.B. Kauffman, R.E. Gresswell, G.W. Minshall, J.R. Karr, D.A. Perry, F.R. Hauer, and C.A. Frissell. 2004. Postfire management on forested public lands of the Western United States. *Conservation Biology* 18: 957-967.
- Bevis, K.R., G.M. King, and E.E. Hanson. 1997. Spotted owls and 1994 fires on the Yakama Indian Reservation. *In: International Association of Wildland Fire Proceedings - Fire Effects on Rare and Endangered Species Habitats Conference*, pp. 117-22. Nov 13-16, 1995. J.M. Greenlee, editor. Coeur D'Alene, ID.
- Bilby, R.E. and J.W. Ward. 1989. Changes in characteristics and function of woody debris with increasing size of streams in western Washington. *Transactions of the American Fisheries Society* 118: 368-378.
- Bilby, R.E. and P.A. Bisson. 1998. Function and distribution of large woody debris. In: Kantor, S., ed. *River ecology and management: lessons from the Pacific coastal ecoregion*. Springer-Verlag: 324-346, Chapter 13. Washington, D.C.
- Bisson, P.A. and R.E. Bilby. 1982. Avoidance of suspended sediment by juvenile coho salmon. *North American Journal of Fisheries Management* 2: 371-374.
- Bisson, P., R. Bilby, M. Bryant, C. Dolloff, G. Grette, R. House, M. Murphy, K. Koski and J. Sedell. 1987. Large woody debris in forested streams in the Pacific Northwest: past, present, and future. *In: Streamside management: forestry and fishery interactions*. E. Salo and T. Cundy, editors. Contribution Number. 57. pp. 143-190. University of Washington, Institute of Forest Resources. Seattle, WA.
- Boulanger, J., K. Martin, G. Kaiser and A.E. Derocher. 1999. Evaluating uncertainty in population trends of Marbled Murrelets. In: *Biology and Conservation of Forest Birds; Proceedings of the Society of Canadian Ornithologists Special Science Symposium*, pp. 53-62. Fredericton, New Brunswick 23-25 August, 1996. Diamond, A.W and D.N. Nettleship, editors. Society of Canadian Ornithologists Special Publication No. 1. Fredericton, New Brunswick, Canada.
- Boyd, M.S. 1996. Heat Source: stream temperature prediction. Master's Thesis. Department of Civil and Bioresource Engineering, Oregon State University. Corvallis, OR.
- Bradley, R.W. 2002. Breeding ecology of radio-marked marbled murrelets (*Brachyramphus marmoratus*) in Desolation Sound. 86 pp. Department of Biological Sciences, Simon Fraser University. Burnaby, British Columbia, Canada.
- Brake, D.; M. Molnau and J.G. King, J.G. 1997. Sediment transport distances and culvert



- spacing on logging roads within the Oregon coast mountain range. 12 pp. ASAE Annual International Meeting, August 10-14, 1997. Minneapolis, MN.
- Brandt, J.P., T.A. Morgan, T. Dillon, G.J. Lettman, C.E. Keegan, D.L. Azuma. 2006. Oregon's Forest Products Industry and Timber Harvest, 2003. Gen. Tech. Rpt. PNW-GTR-681. 53 pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR:
- Brazier, J. and G. Brown. 1972. Controlling thermal pollution in small streams. U.S. Government Printing Office, EPA-R2-72-083.
- Brock, R. and R. Callagan. 2006. Siskiyou Biosurvey LLC. Site Review of *Fritillaria gentneri* on Bureau of Land Management lands. 2006 Internal monitoring report. U.S Department of the Interior, Bureau of Land Management, Medford District. Medford, OR.
- Brosofske, K.D., J. Chen, R.J. Naiman, J.F. Franklin. 1997. Harvesting effects on microclimatic gradients from small streams to uplands in western Washington. *Ecological Applications* 7(4): 1188-1200.
- Brown, G.W. 1969. Predicting temperatures of small streams. *Water Resources Research* 5(1):68-75.
- Brown, G.W. and J. Krygier. 1970. Effects of Clear-cutting on Stream temperature. *Water Resources Research* Vol. 6, No. 4, pp. 1133-1139.
- Brown, G.W. and J. Krygier. 1971. Clear-cut logging and sediment production in the Oregon Coast Range. *Water Resources Research* 7:1189-1199.
- Brown, G.W. 1983. Forestry and Water Quality. College of Forestry, Oregon State University, Corvallis, OR.
- Brown, J.K., E.D. Reinhardt and K.A. Kramer. 2003. Coarse woody debris: managing benefits and fire hazard in the recovering forest. General technical report RMRS-GTR-105. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.
- Brown, Richard T., James Agee and Jerry Franklin. August 2004. Forest Restoration and Fire: Principles in the Context of Place. *Conservation Biology* 18: 903-912.
- Brunengo, M. J. unpublished. Estimation of snow available for melting during model rain-on-snow events. 46 pp. Washington Department of Natural Resources, Forest Practices Division. Olympia, WA.
- Buehler, D.A. 2000. Bald Eagle (*Haliaeetus leucocephalus*). *In* The Birds of North America, No. 506. A. Poole and F. Gill, editors. The Birds of North America, Inc. Philadelphia, PA.
- Burger, A.E. 2001. Using radar to estimate populations and assess habitat associations of marbled murrelets. *Journal of Wildlife Management* 65:696-715.
- Burger, A.E. 2002. Conservation assessment of marbled murrelets in British Columbia, a review of biology, populations, habitat associations and conservation. 168 pp. Pacific and Yukon Region, Canadian Wildlife Service.





Burnett, Kelly M., Gordon H. Reeves, Daniel J. Miller, Sharon Clarke, Ken Vance-Borland, and Kelly Christiansen. 2003. A first step toward broad-scale identification of freshwater protected areas for Pacific salmon and trout in Oregon, USA. *In: Aquatic protected areas: What works best and how do we know?* J.P. Beumer, A. Grant and D.C. Smith, editors. Proceedings of the world congress on aquatic protected areas, Cairns, Australia and North Beach, WA. Australian Society for Fish Biology.

Burnett, Kelly M., Gordon H. Reeves, Daniel J. Miller, Sharon Clarke, Ken Vance-Borland and Kelly Christiansen. 2007. Distribution of salmon-habitat potential relative to landscape characteristics and implications for conservation. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Corvallis, OR.

Burnett, K.M. and D.J. Miller. (2007). Streamside policies for headwater channels: an example considering debris flows in the Oregon Coastal Province. *Forest Science*, 53: 239-253.

Burroughs, E.R., G.R. Chalfant and M.A. Townsend. 1976. Slope Stability in Road Construction. A Guide to the Construction of Stable Roads in Western Oregon and Northern California. United States Department of the Interior, Bureau of Land Management, Oregon State Office. Portland, OR.

Burroughs, E. and J. King. 1989. Reduction of soil erosion on forest roads. General Technical Report INT-264. Intermountain Research Station, U.S. Department of Agriculture, U.S. Forest Service,

Bury, R.B. and C.A. Pearl. 1999. Klamath-Siskiyou herpetofauna: Biogeographic patterns and conservation strategies. *Natural Areas Journal* 19:341-350.

Bury, B. 2005. Stream Amphibians. *in* Riparian zone forest management and the protection of biodiversity: a problem analysis. pp. 23-27. Sarr, D.A., D.C. Odion, D.E. Hibbs, J. Weikel, R.E. Gresswell, R.B. Bury, N.M. Czarnomski, R.J. Pabst, J. Shatford, and A.R. Moldenke (editors.) National Council for Air and Stream Improvement, Technical Bulletin No. 908. Research Triangle Park, NC. 107+ pages.

Buskirk, S.W. and R.A. Powell. 1994. Habitat ecology of fishers and American martens. *In: Martens, Sables and Fishers: Biology and Conservation*. pp. 283-296. S.W. Buskirk, A.S. Harestad, M.G. Raphael, and M.G. Powell, editors. Cornell University Press. Ithaca, NY.

Busse, M.D., K.R. Hubbert, G.O. Fiddler, C.J. Shestak and R.F. Powers. 2005. Lethal soil temperatures during burning of masticated forest residues. *International Journal of Wildland Fire* 14(3).

Bustard, D.R. and D.W. Narver. 1975. "Preferences of juvenile coho salmon (*Oncorhynchus kisutch*) and cutthroat trout (*Salmo clarki*) relative to simulated alteration of winter habitat." *Journal of Fisheries, Resource Board Canada* 32:681-687.

Cafferata, P. 1992. Soil Compaction Research. *In: Forest Soils & Riparian Zone Management: The Contributions of Dr. Henry A. Froehlich to Forestry*. Skaugset A., editor. Forest Engineering Department, Oregon State University. Corvallis, OR.

Callihan, Robert H., Timothy S. Prather and Francis E. Northam. 1993. Longevity of yellow starthistle (*Centaurea solstitialis*) achenes in soil. *Weed Technology* 7: 33-35. [24469]





- Carey, A.B., S.P. Horton and B.L. Biswell. 1992. Northern spotted owls: influence of prey base and landscape character. *Ecological Monographs* 62(2): 223-250.
- Carey, A.B. 2000. Effects of new forest management strategies on squirrel populations. *Ecological Applications* 10:248-257.
- Carroll, C., W.J. Zielinski, and R.F. Noss. 1999. Using presence-absence data to build and test spatial habitat models for the fisher in the Klamath Region, U.S.A. *Conservation Biology* 13(6):1344-1359.
- Carson, Sue D. 2003. Modeling genetic gain in growth in New Zealand: 1986-2003. *In*: Cherry, Marilyn L., and Glenn T. Howe. editors. Genetics and growth modeling workshop: Pacific Northwest Tree Improvement Cooperative. Proceedings of a workshop; 2003 November 496. Vancouver, WA.
- Castellano, M.A., E. Cazares, B. Fondrick, and T. Dreisbach. 2003. Handbook to Additional Fungal Species of Special Concern in the Northwest Forest Plan. General Technical Report PNW-GTR-572. Pacific Northwest research station. USDA, U.S. Forest Service and USDI, Bureau of Land Management.
- Cederholm, C.J., L.M. Reid and E.O. Salo. 1981. "Cumulative effects of logging road sediment on salmonid populations in the Clearwater River, Jefferson County, Washington." *In*: Proceedings, Conference on Salmon Spawning Gravel: A Renewable Resource in the Pacific Northwest? Water Research Center Report 39. Washington State University. Pullman, WA.
- Cederholm, C.J., R.E., Bilby, P.A. Bisson, T.W. Bumstead, B.R. Fransen, W.J. Scarlett, and J.W. Ward. 1997. Response of juvenile coho salmon and steelhead to placement of large woody debris in a coastal Washington stream. *North American Journal of Fisheries Management* 17:947-963.
- Chamberlin, T.W., R.D. Harr and F.H. Everest. 1991. "Timber harvesting, silviculture, and watershed processes." *American Fisheries Society Special Publication* 19:181-205.
- Chan, S., P. Anderson, J. Cissel, L. Larsen and C. Thompson. 2004. Variable density management in Riparian Reserves: lessons learned from an operational study in managed forests of western Oregon, USA. *Forest Snow and Landscape Research* 78(1/2):151-172.
- CH2MHill; Western Watershed Analysts. 1999. FEMAT riparian processes effectiveness curves: What is science-based and what is subjective judgment? Prepared for the Oregon Forest Industries Council by: CH2MHill, Portland OR. and Western Watershed Analysts, Lewiston, ID.
- Chapman, D. and K. McLeod. 1987. Development of criteria for fine sediment in the Northern Rockies ecoregion. 279 pp. U.S. Environmental Protection Agency. Seattle, WA.
- Charnley, S. 2006. Socioeconomic Monitoring Results, Volume II: Timber and Nontimber Resources. Northwest Forest Plan-The First Ten Years (1994-2003). General Technical Report PNW-GTR-649 Vol. II: 29-33. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. <http://www.treeseearch.fs.fed.us/pubs/22374>
- Chen, J., J.F. Franklin and T.A. Spies. 1995. Growing-season microclimatic gradients from clearcut edges into old-growth Douglas-fir forests. *Ecological Applications* 5: 74-86.



- Chen, Jiquan; Gordon Smith, [and others]. 1996. Initial response of understory plant diversity and overstory tree diameter growth to a green tree retention harvest. *Northwest Science* 70(1): 24-35. [26579].
- Cissel, J. H., F. J. Swanson and P. J. Weisberg. 1999. Landscape management using historical fire regimes: Blue River, Oregon. *Ecological Applications* 9:1217–1231.
- Clark, R. N. and G. H. Stankey. December 1979. The Recreation Opportunity Spectrum: A Framework for Planning, Management, and Research. General Technical Report PNW-98. Pacific Northwest Forest and Range Experiment Station, U.S. Department of Agriculture, U.S. Forest Service.
- Clarke, S. E., K. M. Burnett and D. J. Miller. *In review*. Modeling streams and hydrogeomorphic attributes in Oregon from digital and field data. *Journal of the American Water Resources Association*.
- Climate Impacts Group. 2004 (updated August 2004). Overview of Climate Change Impacts in the U.S. Pacific Northwest. University of Washington. Seattle, WA. Available online at: [http://www.ef.org/westcoastclimate/D\\_PNW%20impacts.pdf](http://www.ef.org/westcoastclimate/D_PNW%20impacts.pdf)
- Coastal Landscape Analysis and Modeling Study (CLAMS) website: [http://www.fsl.orst.edu/clams/download/posters/ip\\_poster3.pdf](http://www.fsl.orst.edu/clams/download/posters/ip_poster3.pdf)
- Cockle, K.L. and J.S. Richardson. 2003. Do riparian buffer strips mitigate the impacts of clearcutting on small mammals? *Biological Conservation* 113(2003):133-140.
- Cohen, W.B., T.A. Spies, R.J. Alig, D.R. Oetter, T.K. Maersperger, and M. Fiorella. 2002. Characterizing 23 years (1972-95) of stand replacement disturbance in western Oregon forests with Landsat imagery. *Ecosystems* 5:122–137.
- Cole, E.K. 1996. Influence of limited access roads on Roosevelt elk in the Oregon Coast Range. M.S. Thesis. Oregon State University. Corvallis, OR.
- Cole, E.K., M.D. Pope and R.G. Anthony. 1997. Effects of road management on movement and survival of Roosevelt elk. *Journal of Wildlife Management* 61(4):1115-1126.
- Compton, J.E., M.R. Church, S.T. Larned and W.E. Hogsett. 2003. Nitrogen export from forested watersheds in the Oregon Coast Range: the role of N<sub>2</sub>-fixing red alder. *Ecosystems* 6: 773-785.
- Connelly, J.W., S.T. Knick, M.A. Schroeder and S.J. Stiver. 2004. Conservation assessment of greater sage-grouse and sagebrush habitats. Western Association of Fish and Wildlife Agencies. Cheyenne, WY.
- Cook, J.G., L.L. Irwin, L.D. Bryant, R.A. Riggs and J.W. Thomas. 1998. Relations of forest cover and condition of elk: a test of the thermal cover hypothesis in summer and winter. *Wildlife Monographs* No. 141.



- Cook, J.G., L.L. Irwin, L.D. Bryant, R.A. Riggs, and J.W. Thomas. 2004. Thermal cover needs of large ungulates: a review of hypothesis tests. *In*: Transaction of the Sixty-ninth North American and Natural Resources Conference. March 16-20, 2004. Spokane, Washington. J. Rahm, editor. Wildlife Management Institute, Washington, D.C.
- Coombs, Eric M., Janet K. Clark, Gary L. Piper and Alfred F. Cofrancesco, Jr. 2004. Biological Control of Invasive Plants in the United States. Oregon State University Press. Corvallis, OR.
- Copeland, S. 2005. Fire Effects on Selected Rare Plants of the Siskiyou Mountains, Oregon. A Senior Thesis submitted to the Department of Biology, The Colorado College.
- Cordone, A.J. and D.W. Kelley. 1961. The influences of inorganic sediment on the aquatic life of streams. Reprint from California Fish and Game. Vol. 47, No. 2. 41 pp. [155k]. California Department of Fish and Game, Inland Fisheries Branch. Sacramento, CA.
- Council on Environmental Quality. 1997. Environmental Justice Guidance Under the National Environmental Policy Act.
- Courtney, S.P., J.A. Blakesley, R.E. Bigley, M.L. Cody, J.P. Dumbacher, R.C. Fleischer, A.B. Franklin, J.F. Franklin, R.J. Gutierrez, J.M. Marzluff and L. Sztukowski. 2004. Scientific evaluation of the status of the northern spotted owl. Sustainable Ecosystems Institute. Portland, OR.
- Cram, Douglas, S., Terrell T. Baker and Jon C. Boren. 2006. "Wildland Fire Effects in Silviculturally Treated Vs. Untreated Stand of Arizona and New Mexico. Research Paper RMRS-RP-55. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.
- Cullen, S.A. 2002. Using radar to monitor populations and assess habitat associations of marbled murrelets within the Sunshine Coast Forest District. 25 pp. Ministry of Water, Land and Air Protection. Surrey, British Columbia, Canada.
- Curtis, Robert O. 1982. A simple index of stand density for Douglas-fir. *Forest Science* (28)1: 92-94.
- Davis, Kevin Q. 17 August 2006. Association of O&C Counties to County Board of Commissioners. Portland, OR.
- Deal, R.L. 2006. Red alder stand development and dynamics. *in*: Red alder-a state of knowledge. pp. 44-54. Deal, R.L. and C.A. Harrington, editors. 2006. General Technical Report PNW-GTR-669. Pacific Northwest Research Station, U.S. Department of Agriculture U.S. Forest Service. Portland, OR.
- DellaSala, D., S. Reid, T. Frest and J. Strittholt. 1999. A Global Perspective on the Biodiversity of the Klamath-Siskiyou Ecoregion. *Natural Areas Journal* 19:300-319.
- De Santo, T.L. and M.F. Willson. 2001. Predator abundance and predation of artificial nests in natural and anthropogenic coniferous forest edges in southeast Alaska. *Journal of Field Ornithology* 72(1): 136-149.



- Dewey, Steven A. 1991. Weedy thistles of the western United States. In: Noxious range weeds. Westview Special Studies in Agricultural Science and Policy. pp. 247-253. [23552]. James, Lynn F., John O. Evans, Michael H. Ralphs, and Dennis R. Child, editors. Westview Press. Boulder, CO:
- Di Lucca, M.C., J.W. Goudie and S.C. Stearns-Smith. 2004. Variable retention yield adjustment factors for TIPSYS. Extension Note No. 69. British Columbia Ministry of Forests, Forest Science Program. Victoria, British Columbia, Canada.
- DiTomaso, Joseph M. and Kohn D. Gerlach, Jr. 2000. *Centaurea solstitialis*. In: Invasive plants of California's Wildlands. 101-106. [40301]. Bossard, Carla C., John M. Randall, and Marc. C. Hoshovsky, editors. University of California Press. Berkeley, CA.
- Dixon, G.E. (compiler). 2003. Essential FVS: *A user's guide to the forest vegetation simulator*. Internal Report, 193 p. Forest Management Service Center, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.
- Dolloff C. A. 1986. Effects of stream cleaning on juvenile coho salmon and Dolly Varden in southeast Alaska. *Transactions of the American Fisheries Society* 115:743-755.
- Dolloff, C.A. and M.L. Warren, Jr. 2003. Fish relationships with large wood in small streams. In: *The ecology and management of wood in world rivers*. pp. 179-193. Gregory, S.V.; Boyer, K.L.; Gurnell, A.M. editors. American Fisheries Society. Bethesda, MD.
- Donald, William W. 1994. The biology of Canada thistle (*Cirsium arvense*). *Reviews of Weed Science* 6: 77-101. [37298].
- Donato, D.C., J.B. Fontaine, J.L. Campbell, W.D. Robinson, J.B. Kauffman and B.E. Law. 2006. Post-wildfire logging hinders regeneration and increases fire risk. *Science* 311: 352.
- Doyle, Kathleen M., D.H. Knight, D.L. Taylor [and others]. 1998. Seventeen years of forest succession following the Waterfalls Canyon Fire in Grand Teton National Park, Wyoming. *International Journal of Wildland Fire* 8(1): 45-55.
- Dugger, K.M., F. Wagner, R.G. Anthony and G.S. Olson. 2005. The relationship between habitat characteristics and demographic performance of northern spotted owls in southern Oregon. *The Condor* 107:863-878.
- Dunbar, D.L., B.P. Booth, E.D. Forsman, A.E. Hetherington and D.J. Wilson. 1991. Status of the spotted owl, *Strix occidentalis*, and barred owl, *Strix varia*, in southwestern British Columbia. *Canadian Field Naturalist* 105:464-468.
- Duncan, S. 2002. Postfire Logging: Is it beneficial to a forest? Science Findings Issue 47. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service.
- Dunne, T. and L. B. Leopold. 1978. *Water in environmental planning*. 818 pp. W.H. Freeman and Co. San Francisco, CA.



- Dunne, T., J. Agee, S. Bessinger, W. Dietrich, D. Gray, M. Power, V. Resh and K. Rodriques. 2001. A scientific basis for the prediction of cumulative watershed effects. The University of California Committee on Cumulative Watershed Effects. Report No. 46. University of California Wildland Resource Center.
- Ehinger, Paul F. & Associates. 2006. Forest Products Industry, Western Oregon: Analysis of Industry by Log Processing Capabilities, Species, Log Diameter Requirements and Constraints Limited by Mill Equipment and Mill Configuration.
- Ellestrand, N and D. Elam. 1993. Population Genetic Consequences of Small Population Size: Implications for Plant Conservation. *Annual Review. Ecological Systems*: 24:217-42.
- Energy Information Administration. 2007. Annual Energy Outlook 2006 with Projections to 2030, Release Date December 2005. [http://www.eia.doe.gov/oiaf/aeo/pdf/aeotab\\_13.pdf](http://www.eia.doe.gov/oiaf/aeo/pdf/aeotab_13.pdf)
- Environmental Protection Agency. 1998. Final Guidance for Incorporating Environmental Justice Concerns in EPA's NEPA Compliance Analyses.
- Espinosa, R. 2007. USDI, BLM, Roseburg District. personal communication with Christopher Foster.
- Everest, F.H., F.B. Lotspeich and W.R. Meehan. 1982. New perspectives on sampling, analysis, and interpretation of spawning gravel quality. In *Acquisition and utilization of aquatic habitat inventory information*, editor N.B. Armantrout, pp. 325-333. Western Division, American Fisheries Society. Portland, OR.
- Everest, F.H., R.L. Beschta, J.D. Scrivener, K.V. Koski, J.R. Sedell and C.J. Cederholm. 1987. Fine sediment and salmonid production - a paradox. *In: Streamside management and forestry and fishery interactions*. pp. 98-142. E. Salo and T. Cundy editors. College of Forestry Resources, University of Washington, Cont. 57. Seattle, WA.
- False-brome Working Group. (n.d.). Retrieved January 25, 2007 from: <http://www.appliedeco.org/FBWG.htm>
- False-brome Working Group Newsletter. January 2004. Retrieved January 25, 2007 from: <http://www.appliedeco.org/BRSYweb/finalJan2004newsletter.pdf>
- Federal Register. 1980. U.S. Fish and Wildlife Service. Listing the Oregon Silverspot Butterfly as a Threatened Species with Critical Habitat. Vol. 45, No. 129: 44935-44938.
- Federal Register. 1990. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; determination of threatened status for the northern spotted owl; final rule. Vol. 55, No. 123: 26114-26194.
- Federal Register. 1992a. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; determination of critical habitat for the northern spotted owl; final rule. Vol. 57, No. 10: 1796-1835.
- Federal Register. 1992b. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; determination of threatened status for the Washington, Oregon and California population of the marbled murrelet. Vol. 57, No. 191: 45328-45337.





Federal Register. 1993. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; Determination of Threatened Status of the Pacific Coast Population of the Western Snowy Plover; Final Rule. Vol. 58, No. 42: 12864-12874.

Federal Register. 1996a. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; final designation of critical habitat for the marbled murrelet. Vol. 61, No. 102: 26256-26330.

Federal Register. 1999b. Endangered and Threatened Wildlife and Plants; Proposed Rule to Remove the Bald Eagle in the Lower 48 States from the Federal List of Endangered and Threatened Wildlife. U.S. Fish and Wildlife Service. Vol. 64, No. 128: 36454-36464.

Federal register. 1999d. National Marine Fisheries Service. Designated Critical Habitat; Central California Coast and Southern Oregon/Northern California Coasts Coho Salmon. 64(86):24049.

Federal Register. 10 December 1999c. U.S. Fish and Wildlife Service. Final rule on listing *Fritillaria gentneri*, Vol. 64, No. 237: 69195-69203.

Federal Register. 25 January 2000a. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; endangered status for *Erigeron decumbens* var. *decumbens* (Willamette daisy) and Fender's blue butterfly (*Icaricia icarioides fenderi*) and threatened status for *Lupinus sulphureus* ssp. *kincaidii*; Final Rule. Vol. 65, No. 16: 3875-3890.

Federal Register. 2003. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; Final Rule to Remove the Douglas County Distinct Population Segment of Columbian White-Tailed Deer from the Federal List of Endangered and Threatened Wildlife. Vol. 68, No. 142: 43647-43659.

Federal Register. 2004. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; 12-month Finding for a Petition to List the West Coast Distinct Population Segment of the Fisher (*Martes pennanti*). Vol. 69, No. 68: 18770-18792

Federal Register. 2005a. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; 12-month finding for petitions to list the greater sage-grouse as threatened or endangered; proposed rule. Vol. 70, No. 8: 2244-2282.

Federal Register. 2005b. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Pacific Coast Population of the Western Snowy Plover; Final Rule. Vol. 70, No. 188: 56970-57018.

Federal Register. 2 November 2005c. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Fender's Blue Butterfly (*Icaricia icarioides fenderi*), *Lupinus sulphureus* ssp. *kincaidii* (Kincaid's Lupine), and *Erigeron decumbens* var. *decumbens* (Willamette Daisy). Proposed Rule. 70:66492-66539.

Federal Register. 2005d. National Marine Fisheries Service. Endangered and Threatened Species; Designation of Critical Habitat for 12 Evolutionarily Significant Units of West Coast Salmon and Steelhead in Washington, Oregon, and Idaho. 70(170):52630.



Federal Register. 2006a. U.S. Fish and Wildlife Service. Endangered and threatened wildlife and plants; removing the bald eagle in the lower 48 states from the list of endangered and threatened wildlife. Washington, D.C. Vol. 71, No. 32: 8238-8251.

Federal Register. 2006b. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; 12-Month Finding on a Petition to Delist the Pacific Coast Population of the Western Snowy Plover. Vol. 71, No. 77: 20607-20624.

Federal Register. 2006c. U.S. Fish and Wildlife Service. Endangered and Threatened Wildlife and Plants; Designation of Critical habitat for Four Vernal Pool Crustaceans and Eleven Vernal Pool Plants, Final Rule. Vol. 71, No. 28: 7118-7166.

Ferns, M.L. and D.F. Huber. 1984, Mineral Resources Map of Oregon: State of Oregon Department of Geology and Mineral Industries Geological Map Series GMS-36, Map.

(FEMAT) USDA Forest Service, USDC National Oceanic and Atmospheric Administration, USDC National Marine Fisheries Service, USDI Bureau of Land Management, USDI Fish and Wildlife Service, USDI National Park Service, and Environmental Protection Agency. 1993. Forest Ecosystem Management: An Ecological, Economic, and Social Assessment. Report of the Forest Ecosystem Management Team.

Findholt, S.L., B.K. Johnson, D.Damiran, T. DelCurto and J.G. Kie. 2004. Diet composition, dry matter intake and diet overlap of mule deer, elk and cattle. *In*: Transaction of the Sixty-ninth North American and Natural Resources Conference, March 16-20, 2004, Spokane, Washington. J. Rahm, editor. Wildlife Management Institute, Washington, D.C.

Findlay, S., G.E. Likens, L. Hedin, S.G. Fisher, and W.H. McDowell. 1977. Organic Matter Dynamics in Bear Brook, Hubbard Brook Experimental Forest, New Hampshire, USA. *Journal of the North American Benthological Society*, Vol. 16, No. 1 [43-46]. doi:10.2307/1468230

Fitzgerald, Stephen A. 2002. "Fire in Oregon's Forests: Risks, Effects, and Treatment Options." Extension Forestry Program, Oregon State University. Corvallis, OR.

Ford, R.G., G.K. Himes Boor, B.E. Sharp and J.L. Casey. 2002. Estimates of bird impacts resulting from the M/V Kure/Humboldt Bay oil spill of November 5, 1997. Final draft report prepared for California Department of Fish and Game. 71pp. Office of Spill Prevention and Response.

Forest Health Technology Enterprise Team *Update Team*. Spring 1997. Killing them softly: Using natural enemies to combat exotic weeds. Forest Health Technology Enterprise Team *Update Team*. Spring 1997. Retrieved January 26, 2007: <http://www.fs.fed.us/foresthealth/technology/news/Spring97.html>

Forman, R.T.T. 1995. Land Mosaics: The Ecology of Landscapes and Regions. Cambridge University Press, New York, NY.

Forsight. 2006. How to handle non-uniform stand density (clumpiness) in ORGANON. The FORsight Resource (3)3: 1-2. FORsight Resources LLC. Vancouver, WA

Forsman, E.D., E.C. Meslow and H.M. Wight. 1984. Distribution and biology of the spotted owl in Oregon. *Wildlife Monographs* 87:1-64.





- Forsman, E.D., I.A. Otto, S.G. Sovern, M. Taylor, D.W. Hays, H. Allen, S.L. Roberts and D.E. Seaman. 2001. Spatial and temporal variation in diets of spotted owls in Washington. *Journal of Raptor Research* 35(2):141-150.
- Forsman, E.D., R.G. Anthony, J.A. Reid, P.J. Loschl, S.G. Sovern, M. Taylor, B.L. Biswell, A. Ellingson, E.C. Meslow, G.S. Miller, K.A. Swindle, J.A. Thrailkill, F.F. Wagner, and D. E. Seaman. 2002. Natal and breeding dispersal of northern spotted owls. *Wildlife Monographs* No. 149.
- Forsman, E.D., R.G. Anthony, E.C. Meslow and C.J. Zabel. 2004. Diets and foraging behavior of northern spotted owls in Oregon. *Journal of Raptor Research* 38(3):214-230.
- Foster, S.C., C.H. Stein and K.K. Jones. 2001. A guide to interpreting stream survey reports. P.A. Bowers, editor. Information Reports 2001-06. Oregon Department of Fish and Wildlife. Portland, OR.
- Franklin, Jerry F., H.H. Shugart and Mark E. Harmon. 1987. Tree death as an ecological process. *Bioscience*, Vol. 17, pp. 550-556.
- Franklin, J.F. and C.T. Dyrness. 1988. *Natural Vegetation of Oregon and Washington*. 452 pp. Oregon State University Press. Corvallis, OR.
- Franklin, J.F., T.A. Spies, R. Van Pelt, A.B. Carey, D.A. Thornburgh, D. Rae Berg, D.B. Lindenmayer, M.E. Harmon, W.S. Keeton, D.C. Shaw, K. Bible and J. Chen. 2002. Disturbances and structural development of natural forest ecosystems with silvicultural implications, using Douglas-fir forests as an example. *Forest Ecology and Management* 155: 399-423.
- Franklin, A.B. and R.J. Guitierrez. 2002. Spotted owls, forest fragmentation, and forest heterogeneity. *Studies in Avian Biology*. 25: 203-220.
- Franklin, J.F. 2004. Sudden Oak Death. Appendix 8 *In*: Scientific evaluation of the status of the northern spotted owl. Courtney, S.P., J.A. Blakesley, R.E. Bigley, M.L. Cody, J.P. Dumbacher, R.C. Fleischer, A.B. Franklin, J.F. Franklin, R.J. Gutierrez, J.M. Marzluff, and L. Sztukowski. Sustainable Ecosystems Institute. Portland, OR.
- Franklin, J.F. and R. Van Pelt. 2004. Spatial aspects of structural complexity in old-growth forests. *Journal of Forestry*, April/May: pp. 22-28.
- Franklin, J.F., D.R. Berg, A.B. Carey and R.A. Hardt. 2006. Old-growth conifer forests. *In*: Restoring the Pacific Northwest: the Art and Science of Ecological Restoration in Cascadia. pp. 97-121. D. Apostol and M. Sinclair, editors. Island Press. Washington, D.C.
- Freidman. 2007. Personal communication with Douglas Kendig. USDI, BLM. Medford, OR.
- Froehlich, H.E. and D.H. McNabb. 1984. Minimizing Soil Compaction in Pacific Northwest Forests. *In*: Forest Soils and Treatment Impacts. Stone, E.L., editor. Proceedings of Sixth North American Forest Soils Conference. June 1983. University of Tennessee Conferences. Knoxville, TN.



- Frost, E.J. and R. Sweeney. 2000. Fire Regimes, Fire History and Forest Conditions in the Klamath-Siskiyou Region: An Overview and Synthesis of Knowledge. World Wildlife Fund. Ashland, OR.
- Furniss, R.L. and V.M. Carolin. 1977. Western Forest Insects. Miscellaneous Publication No. 1339. 654 pp. U.S. Department of Agriculture, U.S. Forest Service.
- Furniss, M., T. Ledwith, M. Love, B. McFadin and S. Flanagan. 1988. Response of road-stream crossings to large flood events in Washington, Oregon and northern California. Six Rivers National forest, Pacific Southwest Region, San Dimas Technology and Development Center, U.S. Department of Agriculture, U.S. Forest Service. San Dimas, CA.
- Furniss, M. J., T. D. Roelofs and C. S. Yee. 1991. Road construction and maintenance. *In*: Influences of forest and rangeland management on salmonid fishes and their habitats. American Fisheries Society Special Publication 19: 297-323
- Gallo, Kirsten, Steven H. Lanigan, Peter Eldred, Sean N. Gordon and Chris Moyer. 2005. Northwest Forest Plan - the first 10 years (1994–2003): preliminary assessment of the condition of watersheds. General Technical Report PNW-GTR-647. 133 pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR:
- Global Invasive Species Database. Issg Database: Ecology of *Euphorbia esula*. June 26, 2005. Retrieved July, 2006 from: <http://www.issg.org/database/species/ecology.asp?si=83&fr=1&sts>
- Goheen, E.M., E.M. Hansen, A. Kanaskie, M.G. Williams, N. Oserbauer and W. Sutton. 2002. Sudden oak death caused by *Phytophthora ramorum* in Oregon. *Plant Disease* 86:441.
- Golightly, R.T., P.N. Hebert and D.L. Orthmeyer. 2002. Evaluation of human-caused disturbance on the breeding success of marbled murrelets (*Brachyramphus marmoratus*) in Redwood National and State Parks, California. 61 pp. Bureau of Land Management, National Park Service, U.S. Fish and Wildlife Service, U.S. Geological Survey, California Department of Fish and Game, and California Department of Parks and Recreation. Arcata, CA.
- Gomez, D.M. and R.G. Anthony. 1996. Amphibian and reptile abundance in riparian and upslope areas of five forest types in western Oregon. *Northwest Science* 70(2):109-119.
- Good, T.P., R.S. Waples and P. Adams (editors). 2005. Updated status of federally listed ESUs of West Coast salmon and steelhead. U.S. Department of Commerce, National Oceanic and Atmospheric Administration. Technical Memo. NMFS-NWFSC-66, 598 p.
- Gottlieb, S. 1993. Habitat Utilization and Population Characteristics of the Pokegama Wild Horse Herd. B.S. Thesis. State University of New York, Purchase.
- Graham, R.T, Sarah McCaffrey and T.B. Jain. 2004. "Science Basis for Changing Forest Structure to Modify Wildfire Behavior and Severity." General Technical Report RMRS-GTR-120. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service.



- Grant, G.E., and S. Lewis, F. Swanson and J. McDonnell. 2007. *In Review*. Effects of forest practices on peak flows and consequent channel response in western Oregon: a state-of-science report. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Corvallis, OR.
- Greenberg, Joanne and K.F. Welch. 1988. Hydrologic Process Identification for Western Oregon. 18 pp. Hydrologic Services Co. *prepared for* Boise Cascade Corporation.
- Gregg, MA., J.A. Crawford, M.S. Drut and A.K. DeLong. 1994. Vegetational cover and predation of sage grouse nests in Oregon. *Journal of Wildlife Management* 58(1):162-168.
- Gremel, S. 2000. Spotted owl monitoring in Olympic National Park: 2000 annual report. U.S. Department of the Interior, National Park Service, Olympic National Park. Port Angeles, WA.
- Gutierrez, R., M. Cody, S. Courtney and D. Kennedy. 2004. Assessment of the potential threat of the northern barred owl. Chapter 7. *In: Scientific evaluation of the status of the northern spotted owl*. Courtney, S.P., J.A. Blakesley, R.E. Bigley, M.L. Cody, J.P. Dumbacher, R.C. Fleischer, A.B. Franklin, J.F. Franklin, R.J. Gutierrez, J.M. Marzluff, and L. Sztukowski, editors. Sustainable Ecosystems Institute. Portland, OR.
- Gurevitch, J., S. Scheiner and G. Fox. 2006. *The Ecology of Plants*. Second Edition. Sinauer Associates Inc.
- Haerter, J. 23 February 1997. Personal Communications with Jim Haerter, Oil and Gas Program Lead, Bureau of Land Management, California State Office.
- Haerter, J. 2007. Personal Communications with Jim Haerter, Oil and Gas Program Lead, Bureau of Land Management, California State Office, February 23, 2007.
- Hagen, C.A. 2005. Greater sage-grouse conservation assessment and strategy for Oregon: a plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife. Salem, OR.
- Halferty, M. 20 February 2007. Personal Communications with Peggy Halferty, PE, Environmental Manager, Methane Energy Corporation.
- Haggerty, S.M., D.P. Batzer, and C.R. Jackson. 2004. Macroinvertebrate response to logging in coastal headwater streams of Washington, U.S.A. *Canadian Journal of Fisheries and Aquatic Science*: 61: 529-537.
- Hamer, T.E., S.G. Seim and K.R. Dixon. 1989. Northern spotted owl and northern barred owl habitat use and home range size in Washington: preliminary report. Washington Department of Wildlife. Olympia, WA.
- Hamer, T.E. and S.K. Nelson. 1995. Characteristics of marbled murrelet nest trees and nesting stands. *In: Ecology and conservation of the marbled murrelet*. C.J. Ralph, G.L. Hunt, Jr., M.G. Raphael, and J.F. Piatt, editors. Gen. Tech. Rep. PSW-GTR-152, Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Albany, CA.



- Hamer, T.E., D.L. Hays, C.M. Senger and E.D. Forsman. 2001. Diets of northern barred owls and northern spotted owls in an area of sympatry. *Journal of Raptor Research* 35(3):221-227.
- Hann, David W. and John A. Scrivani. 1987. Dominant-Height growth and site-index equations for Douglas-fir and Ponderosa pine in southwest Oregon. *Forest Resource Lab Research Bulletin* 59. Oregon State University, College of Forestry. Corvallis, OR..
- Hann, David W. 6 July 1992. Letter to Robert Lewis, BLM Medford District. On file at the Roseburg BLM District.
- Hann, David W. 1998. Extending southwest Oregon's dominant height growth equation to older ages. *Research Contribution* 18. 16 pp. Oregon State University, Forest Research Laboratory. Corvallis, OR.
- Hann, David W. 2005. ORGANON user's manual: Edition 8.0. 130 pp. Department of Forest Resources, Oregon State University. Corvallis, OR.
- Hann, Wendel, Doug Havlina and Ayn Shlisky. 2003. Interagency and The Nature Conservancy fire regime condition class website. U.S. Department of Agriculture, U.S. Forest Service, U.S. Department of the Interior; The Nature Conservancy; and Systems for Environmental Management [frcc.gov].
- Hanley, T.A. 1984. Habitat patches and their selection by wapiti and black-tailed deer in a coastal montane coniferous forest. *Journal of Applied Ecology* 21:423-436.
- Hansen, Malin J., and Anthony P. Clevenger. 2005. The influence of disturbance and habitat on the presence of non-native plant species along transport corridors. *Biological Conservation* 125 (2): 249-259.
- Hardy, Colin C. and Stephen F. Arno. 1996. "The Use of Fire in Forest Restoration." General Technical Report INT-GTR-341. Inter Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Ogden, UT.
- Harr, R., W. Harper, J. Krygier and F. Hsieh. 1975. Changes in Storm Hydrographs after Road Building and Clear-Cutting in the Oregon Coast Range. *Water Resources Research*, 11(3): 436-444.
- Harr, R. D. 1976. Hydrology of Small Forest Streams in Western Oregon. General Technical Report PNW-55. Denver Service Center, U.S. Department of Agriculture, U.S. Forest Service. Denver, CO.
- Harr, R., R. Fredriksen and J. Rothacher. 1979. Changes in Streamflow Following Timber Harvest in Southwestern Oregon. Research Paper PNW-249. 22 pp. Pacific Northwest Research station, U.S. Department of Agriculture, U.S. Forest Service.
- Harr, R.D. 1981. Some characteristics and consequences of snowmelt during rainfall in western Oregon. *Journal of Hydrology* 53: 277-304
- Harr, R. and B. Coffin. 1992. Influence of timber harvest on rain-on-snow runoff: a mechanism for cumulative watershed effects: Interdisciplinary approaches to hydrology and hydrogeology. American Institute of Hydrology. pp. 455-469.



- Harrington, C.A. 2006. Biology and ecology of red alder. *In*: Red alder-a state of knowledge. pp. 21-43. General Technical Report PNW-GTR-669. Deal, R.L. and C.A. Harrington, editors. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Harris, D.D., L.L. Hubbard and L.E. Hubbard. 1979. Magnitude and Frequency of Floods in Western Oregon. Open-File Report 79-553. 35 pp. U.S. Geological Survey.
- Harris, C.C., W. McLaughlin, G. Brown and D. Becker. 2000. Rural communities in the inland Northwest, an assessment of small communities in the interior and upper Columbia River basins. General Technical Report NPW-GTR-477. 120 pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Hartman, G.F. and T.G. Brown. 1987. "Use of small, temporary, floodplain tributaries by juvenile salmonids in a West Coast rain-forest drainage basin, Carnation Creek, British Columbia." Canadian Journal of Fisheries and Aquatic Sciences 44:262-270.
- Hartman, G.F., J.C. Scrivener and M.J. Miles. 1996. Impacts of logging in Carnation Creek, a high-energy coastal stream in British Columbia, and the implication for restoring fish habitat. Canadian Journal of Fisheries and Aquatic Sciences 53(Supplement 1):237-251.
- Hayden et al. 1991 *In*: Washington Forest Practices Board. 1997. Standard methodology for conducting watershed analysis, Ver. 4.0. Washington State Department of Natural Resources. Olympia, WA. Online: [<http://www.dnr.wa.gov/forestpractices/watershedanalysis/manual/hydrology.pdf>]
- Hayner, personal communication. 2007
- Hayes, J.P., J.M. Weikel and M.P. Huso. 2003. Response of birds to thinning young Douglas-fir forests. Ecological Applications 13:1222-1232.
- Haynes, Richard W., Bernard T. Bormann, Danny C. Lee and Jon R. Martin, Jon R., technical editors. 2006. Northwest Forest Plan - the first 10 years (1994-2003): synthesis of monitoring and research results. General Technical Report PNW-GTR-651. 292 pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Haynes, R.W., D.M. Adams, R.J. Alig, R.J., P.J. Ince, J.R. Mills and X. Zhou. 2006. (Draft) *The 2005 RPA Timber Assessment Update*. <http://www.fs.fed.us/pnw/about/programs/hnri/index.shtml>
- Healy, Evelyn and Joseph DiTomaso. February 20, 2002. Yellow starthistle information, Weed Research and Information Center (producer). University of California. Davis, CA. Retrieved January 29, 2007 from [http://wric.ucdavis.edu/yst/biology/yst\\_fact\\_sheet.html](http://wric.ucdavis.edu/yst/biology/yst_fact_sheet.html)
- Hebert, P.N. and R.T. Golightly. 2003. Breeding biology, and human-caused disturbance to nesting of marbled murrelets (*Brachyramphus marmoratus*) in Northern California: progress report 2002. Unpublished draft report. Department of Wildlife, Humboldt State University. Arcata, CA.
- Heckman, Charles W. 1999. The encroachment of exotic herbaceous plants into the Olympic National Forest. Northwest Science 73(4): 264-276. [36188]





- Herter, D.R. and L.L. Hicks. 2000. Barred owl and spotted owl populations and habitat in the central Cascade Range of Washington. *Journal of Raptor Research* 34(4): 279-286.
- Hessburg, Agee, and Franklin. 2005. Dry forests, & Wildland Fires of the Inland Northwest USA: Contrasting the landscape ecology of the pre-settlement and modern eras
- Hibbs, D.E. and A.L. Bower. 2001. Riparian forests in the Oregon Coast Range. *Forest Ecology and Management* 154: 201-213.
- Hicks, B. J., J. D. Hall, P. A. Bisson and J. R. Sedell. 1991. Responses of salmonids to habitat changes. *American Fisheries Society Special Publication* 19:483-518.
- Hickman, J., editor. 1993. *The Jepson Manual: Higher Plants of California*. University of California Press. Berkeley and Los Angeles, CA.
- Hitchcock, C.L. and A. Cronquist. 1973. *Flora of the Pacific Northwest*. University of Washington Press. Seattle, WA.
- Hogan, C. 1991. Snowy plover and human activities at Damon Point, Washington, May 1 to June 10, 1991. 10 pp. Unpublished report to the Washington Department of Wildlife. Olympia, WA.
- Holaday, S. 1992. Summertime water temperature trends in Steamboat Creek Basin, Umpqua National Forest. MS thesis. Oregon State University. Corvallis, OR.
- Holloran, M.J. and S.H. Anderson. 2005. Spatial distribution of greater sage-grouse nests in relatively contiguous sagebrush habitats. *The Condor* 104:742-752.
- Hoshovsky, Marc. 1986. Element Stewardship Abstract for *Cystisus scoparius* and *Genista monspessulamus*: Scotch broom and French broom. The Nature Conservancy. 1815 North Lynn Street, Arlington, VA. 22209. <http://tncweeds.ucdavis.edu/esadocs/documnts/cytisco.rtf>
- Houston, R.A. 1997. Bedrock Geology of Bacona 7.5 Min. Quadrangle, Columbia County, Oregon, Senior Thesis. 36 pp. Unpublished. Advising Professor Dr. Alan Niem. Department of Geosciences, Oregon State University. Corvallis, OR.
- Houston, R. 14 December 2005. Personal Communications with Bob Houston, Petroleum-Geothermal Geologist, Oregon Department of Geology and Mineral Industries. Interagency Tour of Drill Sites, Coos Bay, OR.
- Houston, R. February 2007. Personal Communications with Bob Houston, Petroleum-Geothermal Geologist, Oregon Department of Geology and Mineral Industries.
- Huff, M. 1995. Historical and current forest landscapes in eastern Oregon and Washington part ii: linking vegetation characteristics to potential fire behavior and related smoke production. General Technical Report PNW-GTR-355. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service,. Portland, OR
- Huff, M., P. Jodice, J. Baldwin, S. Miller, R. Young, K. Ostrom, C.J. Ralph, M. Raphael, C. Strong and C. Thompson. 2003. Draft Marbled murrelet effectiveness monitoring northwest forest plan 2002 annual summary report. 29pp.



Huff, M.H., M.G. Raphael, S.L. Miller, S.K. Nelson and J. Baldwin (technical coordinators). 2006. Northwest Forest Plan - The first 10 years (1994-2003): status and trends of populations and nesting habitat for the marbled murrelet. General Technical report PNW-GTR-650. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.

Hutchison, Max. 1992. Vegetation management guideline: Canada thistle (*Cirsium arvense* (L) Scop.). Natural Areas Journal 12(3): 160-161. [19441]

Hutto, R.L. 2006. Toward meaningful snag-management guidelines for postfire salvage logging in North American conifer forests. Conservation Biology 20(4): 984-993.

Hyatt, Timothy L. and Robert J. Naiman. February 2001. The Residence Time of Large Woody Debris in the Queets River, Washington, USA. Ecological Applications, Vol. 11, No. 1: 191-202.

Ice, G. 1978. Reaeration in a turbulent stream system. 174 pp. PhD thesis. Department of Forest Engineering, Oregon State University.

Ice, G. 1985. Catalog of landslide inventories for the northwest. 78 pp. Technical Bulletin Number 456, National Council of the Paper Industry for Air and Stream Improvement. New York, NY.

Ice, G.G., D.G. Neary, and P.W. Adams. 2004. Effects of wildfire on soils and watershed processes. Journal of Forestry 102(6): 16-20.

Independent Multidisciplinary Science Team (IMST). 1999. Recovery of Wild Salmonids in Western Oregon Forests: Oregon Forest Practices Act Rules and the Measures in the Oregon Plan for Salmon and Watersheds. Technical Report 1999-1 to the Oregon Plan for Salmon and Watersheds. Governor's Natural Resources Office. Salem, OR.

Isaacs, F.B. and R.G. Anthony. 2005. Bald eagle nest location and history of use in Oregon and the Washington portion of the Columbia River Recovery Zone, 1971 through 2005. Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University. Corvallis, OR.

Isaacs, F.B. and R.G. Anthony. 2007. Bald eagle nest locations and history of use in Oregon and the Washington portion of the Columbia River recovery zone, 1971 through 2006. Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR

Jensen, Mark E. 1991. Ecological classification and cumulative soil effects. In: Proceedings-management and productivity of western-montane forest soils. Harvey, Alan E. and Leon F. Neuenschwander, compilers. 1990. April 10-12; Boise, ID. Gen. Tech. Rep. INT-280. 218-223. [15985]. Intermountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Ogden, UT.

Johnson, D.H. and T.A. O'Neil. 2001. Wildlife-habitat Relationships in Oregon and Washington. Oregon State University Press. Corvallis, OR.

Johnston, A. 2002. Northern spotted owl survey and monitor report. U.S. Department of the Interior, National Park Service, Crater Lake National Park. Crater Lake, OR.





- Johnson, Randy and David Marshall. 18 January 2005 (unpublished). Modeling genetic gain in established Douglas-fir plantations. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest service. Corvallis, OR.
- Jones, J. and G. Grant. 1996. Peak Flow Responses to Clear-Cutting and Roads in Small and Large Basins, Western Cascades, Oregon. *Water Resources Research*, 32(4):959-974.
- Jones, J.A., F.J. Swanson, B.C. Wemple and K.U. Snyder. 2000. Effects of roads on hydrology, geomorphology, and disturbance patches in stream networks. *Conservation Biology* 14(1):76-85.
- Jules, E.S. 1998. Habitat fragmentation and demographic change for a common plant: trillium in old-growth forest. *Ecology* 79(5):1645-1656.
- Jull, Mike. 2001. Wind damage and related risk factors for interior Douglas-fir leave trees in Central B.C. *In: Windthrow assessment and management in British Columbia; Proceedings of the windthrow researchers workshop in Richmond, British Columbia, Canada. January 31-February 1, 2001. Compiled by S.J. Mitchell and J. Rodney.*
- Kadrmaz, Tina and W. Johnson. 2002. Managing Dyer's Woad. Fact sheet FS-02-097, University of Nevada Cooperative Extension.
- Kanaskie, A., M. McWilliams, K. Sprengel and D. Overhulser. 2005. Swiss needle cast aerial surveys, 1996 to 2005. *In Swiss Needle Cast Cooperative: Annual Report 2005.* pp. 9-11 Oregon State University. Corvallis, Oregon. <http://www.cof.orst.edu/coops/sncc/sncc05.pdf>
- Kanaskie, A., E. Goheen, N. Osterbauer, E. Hansen, M. McWilliams and B. Woosley. 2006. *Phytophthora ramorum* in Oregon forests. Spring 2006 Meeting of the California Oak Mortality Task Force: *Phytophthora ramorum* - A Management and Research Update. Carmel, CA. [http://nature.berkeley.edu/comtf/html/2006\\_meeting\\_agenda.html](http://nature.berkeley.edu/comtf/html/2006_meeting_agenda.html)
- Karraker, N.E., and H.H. Welsh, Jr. 2006. Long-term impacts of even-aged timber management on abundance and body condition of terrestrial amphibians in northwestern California. *Biological Conservation* 131(2006):132-140
- Karr, J.R., J.J. Rhodes, G.W. Minshall, F.R. Hauer, R.L. Beschta, C.A. Frissell and D.A. Perry. 2004. The effects of postfire salvage logging on aquatic ecosystems in the American west. *BioScience* 54: 1029-1033.
- Kaye, T. and M. Kirkland. 1994. Population biology of *Lomatium bradshawii*. Unpublished report for the Eugene District, Bureau of Land Management and the Oregon Department of Agriculture. Eugene, OR.
- Kaye, T.N., R.J. Meinke, J. Kagan, S. Vrilakas, K.L. Chambers, P.F. Zika and J.K. Nelson. 1997. Patterns of rarity in the Oregon flora: implications for conservation and management. *In: Conservation and management of native plants and fungi.* Kaye, T.N., A. Liston, R.M. Love, D. Luoma, R.J. Meinke, and M.V. Wilson, editors. Native Plant Society of Oregon. Corvallis, OR.
- Kaye, T. 2002. *Lomatium cookii*, Population monitoring in the Illinois Valley, Josephine County, Oregon. Annual progress report prepared for the Medford Bureau of Land Management on long term monitoring. Bureau of Land Management, Medford, Oregon.



Kaye, Thomas, 2003. Invasive Plant Alert: False-brome (*Brachypodium sylvaticum*). False-brome Working Group. Institute For Applied Ecology. Retrieved January 25, 2007 from: <http://www.appliedeco.org/Reports/BRSYbrochureSmall.PDF>

Kaye, T. and Thorpe, A. 2006. *Lupinus sulphureous ssp. kincaidii* (Kincaid's lupine) and *Icaricia icarioides fenderi* (Fender's blue butterfly) in the Eugene Wetlands: Population monitoring, reintroduction success, and an evaluation of experimental treatments. Annual Progress Report. U.S. Department of the Interior, Bureau of Land Management, Eugene District. Eugene, OR.

Kaye, T. personal communication. 2007

Kellman, M. C. 1969. Plant species interrelationships in a secondary succession in coastal British Columbia. *Syesis* 2: 201-212. [6589].

Kelly, E.G., E.D. Forsman and R.G. Anthony. 2003. Are barred owls replacing spotted owls? *The Condor* 105:45-53.

Kelly, E.G. and E.D. Forsman. 2004. Recent records of hybridization between barred owls (*Strix varia*) and northern spotted owls (*S. occidentalis caurina*). *Auk* 121:806-810.

Kelly, M., D. Shaari, Q. Guo and D. Liu. 2005. Modeling risk for SOD nationwide: what are the effects of model choice on risk prediction? General Technical Report PSW-GTR. Pacific Southwest research Station, U.S. Department of Agriculture, U.S. Forest Service. <http://nature.berkeley.edu/comtf/pdf/KellyetalSOD2-22-05.pdf>

Kennedy, R.S.H. and T.A. Spies. 2005. Dynamics of hardwood patches in a conifer matrix: 54 years of change in a forested landscape in Coastal Oregon, USA. *Biological Conservation* 122: 363-374.

Keppeler, E. and R. Ziemer. 1990. Logging effects on streamflow: water yield & summer low flows at Caspar Creek in northwest California. *Water Resources Research* 26(7): 1669-1679.

King, James E. 1966. Site index curves for Douglas-fir in the Pacific Northwest. Weyerhaeuser Forestry Paper No. 8. Weyerhaeuser Company, Forestry Research Center. Centralia, WA.

Knighton, David. 1984. *Fluvial Forms and Processes*. Edward Arnold, Baltimore, Maryland.

Knorr, J. and E. Martin. 2003. Forest Plan Effectiveness monitoring. Klamath National Forest sensitive plant program, FY03. Unpublished Results. U.S. Department of Agriculture, U.S. Forest Service, Klamath National Forest. Yreka, CA.

Kochendorfer, J. N. and J. D. Helvey. 1984. *In*: Washington Forest Practices Board. 1997. Standard methodology for conducting watershed analysis, Ver. 4.0. Washington State Department of Natural Resources. Olympia, WA. Online: [<http://www.dnr.wa.gov/forestpractices/watershedanalysis/manual/hydrology.pdf>]

Kremsater, L.L. and F.L. Bunnell. Testing responses to forest edges: the example of black-tailed deer. *Canadian Journal of Zoology* 20:2426-2435,

Kruckeberg, A.R. 1984. California serpentines: flora, vegetation, geology, soils and management problems. University of California publications in Botany, vol. 78. University Press. Berkeley, CA.



- Lamarche, J. and F. Lettenmaier. 2001. Effects of forest roads on flood flows in the Deschutes River, WA. *Earth Surface Processes and Landforms* 26:115-134.
- Lank, D.B., N. Parker, E.A. Krebs and L. McFarlane-Tranquilla. 2003. Geographic distribution, habitat selection, and population dynamics with respect to nesting habitat characteristics of Marbled murrelets (*Brachyramphus marmoratus*). Center for Wildlife Ecology, Simon Fraser University, Vancouver, British Columbia, Canada.
- Landres, P.B., P. Morgan and F.J. Swanson. 1999. Overview of the use of natural variability concepts in managing ecological systems. *Ecological Applications* 9: 1179–1188.
- Larson, W.E. and F.J. Pierce. 1996. Conservation and Enhancement of Soil Quality. *In: The Soil Quality Concept*. The Soil Quality Institute, editors. United States Department of Agriculture, Natural Resources Conservation Service.
- Lauten, D. J., K. A. Castelein, E. Seckinger and E. P. Gaines. 2006. The Distribution and Reproductive Success of the Western Snowy Plover Along the Oregon Coast – 2005. The Oregon Natural Heritage Information Center. Corvallis, OR.
- Lawson, P. W., E. Bjorkstedt, M. Chilcote, C. Huntington, J. Mills, K. Moore, T. E. Nickelson, G. H. Reeves, H. A. Stout and T. C. Wainwright. 2004. Identification of Historical Populations of Coho Salmon (*Onchorhynchus kisutch*) in the Oregon Coast Evolutionarily Significant Unit. Review Draft. Oregon - Northern California Coast Technical Recovery Team. 129 p.
- Lee, P., C. Smyth and S. Boutin. 2004. Quantitative review of riparian buffer width guidelines from Canada and the United States. *Journal of Environmental Management* 70:165-180.
- Lemieux, Paul M., C. Lutes and D.A. Santioanni. 2004. "Emissions of organic air toxics from open burning: a comprehensive review. *Progress in Energy and Combustion Science* 30: 32  
[Http:// www.sciencedirect.com](http://www.sciencedirect.com)
- Lennartsson, T. 2002. Extinction Thresholds and Disrupted Plant-Pollinator Interactions in Fragmented Plant Populations, *Ecology*, 83(11), 2002, pp. 3060-3072.
- Leopold, L.B., M.G. Wolman and J.P. Miller. 1964. *Fluvial Processes in Geomorphology*. W.H. Freeman. San Francisco, CA.
- Leppig, G. and J. White. 2006. Conservation of Peripheral Plant Populations in California. *Madrono* Vol. 53, No3, pp 264-274.
- Leskiw, T. and R.J. Gutiérrez. 1998. Possible predation of a spotted owl by a barred owl. *Western Birds* 29:225–226.
- Lewis, Robert A. and Robert Pierle. 1991. Adoption of an ORGANON mortality adjustment for green tree retention and for long rotations. Unpublished Internal Report. U.S. Department of the Interior, BLM, Medford District Office. Medford, OR.
- Lewis, J.C. and G.E. Hayes. 2004. Feasibility assessment for reintroducing fishers to Washington. 70 pages. Washington Department of Fish and Wildlife. Olympia, WA.



- Lindell 2006. USDI, BLM, Medford, OR. personal communication.
- Lindenmayer, D.B., D. Foster, J.F. Franklin, M. Hunter, R. Noss, F. Schiemegelow and D. Perry. 2004. Salvage harvesting after natural disturbance. *Science* 303: 1303.
- Lindenmayer, D.B. and R.F. Noss. 2006. Salvage logging, ecosystem processes, and biodiversity conservation. *Conservation Biology* 20(4): 949-958.
- Lindsey, W. 2006. Rangeland Management Specialist, USDI Bureau of Land Management, Klamath Falls Resource Area. personal Communication.
- Lint, J., B. Noon, R. Anthony, E. Forsman, M. Raphael, M. Collopy and E. Starkey. 1999. Northern spotted owl effectiveness monitoring plan for the Northwest Forest Plan. PNW-GTR-440. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Lint, J. (technical coordinator) 2005. Northwest Forest Plan – the first 10 years (1994-2003): Status and trends of northern spotted owl populations and habitat. General Technical Report PNW-GTR-648. Pacific Northwest Research Station, U.S. Department of Agriculture, Forest Service. Portland, OR.
- Lisle. 1981. *In*: Streamside Management: Forestry and Fishery Interactions. Contribution 57. 1987. pp. 39-97. Salo, E.O and T.W. Cundy editors. University of Washington, Institute of Forest Resources. Seattle, WA.
- Lloyd, D., J. Koenigs and J. LaPerriere. 1987. Effects of turbidity in fresh waters of Alaska. *North American Journal of Fisheries Management*. 7:18-33.
- Log Lines Log Price Reporting Service. 2006. Log Price Reports. Mount Vernon, WA.
- Long, C. J., C. Whitlock, P. J. Bartlein and S. H. Millspaugh. 1998. A 9000-year fire history from the Oregon Coast Range, based on a high-resolution charcoal study. *Canadian Journal of Forest Research* 28: 774–787.
- Luce, C. 2002. Hydrological processes and pathways affected by forest roads: what do we still need to learn? *Hydrol. Process.* 16: 2901–04.
- Luginbuhl, J.M., John M. Marzluff, Jeffrey E. Bradley, Martin G. Raphael and Daniel E. Varland. 2001. Corvid survey techniques and the relationship between corvid relative abundance and nest predation. *Journal of Field Ornithology* 72(4): 556-572.
- Magnusson, Mark, U., Donald L. Wyse and Joseph M. Spitzmueller. 1987. Canada thistle (*Cirsium arvense*) propagation from stem sections. *Weed Science* 35: 637-639.
- Maguire, D., D. Waring, K. Cromack and J. Boyle. 2000. Trends in soil and foliar nutrients across a range in Swiss Needle Cast severity. *In*: Annual Report to the Swiss Needle Cast Cooperative. pp. 79-84. Oregon State University. Corvallis, OR. <http://www.cof.orst.edu/coops/sncc/sncc00.pdf>
- Manley, I.A., A. Harfenist and G. Kaiser. 2001. Marbled murrelet telemetry study on Queen Charlotte Islands/Haida Gwaii. 24 pp. Ministry of Environment, Lands and Parks. Smithers, British Columbia, Canada.



- Marshall, D.B., M.G. Hunter and A.L. Contreras. 2003. Birds of Oregon. Oregon State University Press. Corvallis, OR.
- Marzluff, J.M. and M. Restani. 1999. The effects of forest fragmentation on rates of avian nest predation and parasitism. Unpublished report. College of Forest Resources, University of Washington. Seattle, WA.
- Maser, C. 1998. Mammals of the Pacific Northwest: From the Coast to the High Cascades. Oregon State University Press. Corvallis, OR.
- Max, T. A., H. T. Schreuder, J. W. Hazard, D. D. Oswald, J. Teply and J. Alegria. 1996. The Pacific Northwest Region vegetation and inventory monitoring system. Research Paper PNW-RP-493. 19pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service.
- May, C.L. and R.E. Gresswell. 2003. Large wood recruitment and redistribution in headwater streams of the Oregon Coast Range, U.S.A. Can. J. of Forest Res. 33: 1352-1362.
- May, D. 14 December 2005. Personal Communications with David May, Geologist and Vice President, Methane Energy Corporation. Interagency Tour of Drill Sites, Coos Bay, OR.
- McComb, W.C., K. McGarigal, and R.G. Anthony. 1993. Small mammal and amphibian abundance in streamside and upslope habitats of mature Douglas-fir stands, western Oregon. Northwest Science 67(1):17-15.
- McComb, W.C., M.T. McGrath, T.A. Spies and D. Vesely. 2002. Models for mapping potential habitat at landscape scales: an example using northern spotted owls. Forest Science 48(2): 203-216.
- McCullough, D.R. 1960. An ecological study of the Columbian black-tailed deer in a logged environment. M.S. Thesis. 63pp. Oregon State College. Corvallis, OR.
- McCune B. and L. Geiser. 1997. *Macrolichens of the Pacific Northwest*. 386 pp. Oregon State University Press. Corvallis, OR.
- McDade, M.H. 1987. Source area of coarse woody debris in small streams in western Oregon and Washington. M.S. thesis. Oregon State University. Corvallis OR.
- McDade, M.H.; F.J. Swanson, W.A. McKee, J.F. Franklin and J. Van Sickle. 1990. Source distances for coarse woody debris entering small streams in western Oregon and Washington. Canadian Journal of Forest Research 20: 326-330.
- McDonald, Philip M. 1976. Shelterwood cutting in a young-growth, mixed-conifer stand in north central California. Research Paper PSW-117. Pacific Southwest Forest and Range Experimental Station, U.S. Department of Agriculture, U.S. Forest Service. Berkeley, CA.
- McGarigal, K. and B.J. Marks. 1995. FRAGSTATS: spatial pattern analysis program for quantifying landscape structure. General Technical Report PNW-351. Pacific Northwest Research station, U.S. Department of Agriculture, U.S. Forest Service. <http://www.umass.edu/landeco/research/fragstats/fragstats.html>





McIver, J. D. and L. Starr, technical editors. 2000. Environmental effects of postfire logging: literature review and annotated bibliography. General Technical Report PNW-GTR-486. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.

McLain, Rebecca J. and Eric T. Jones. 2005. Nontimber forest products management on national forests in the United States. PNW-GTR-655. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR. <http://www.treesearch.fs.fed.us/pubs/21091>

McLendon, Terry. 1992. Factors controlling the distribution of Canada thistle (*Cirsium arvense*) in montane ecosystems: Rocky Mountain National Park, Colorado. Annual Report: NPS Contract Number CA 1268-1-9002; Reporting period 17 April 1991 - 30 April 1992. 36 pp. Unpublished report on file with: Rocky Mountain Research Station, Fire Sciences Laboratory, U.S. Department of Agriculture, U.S. Forest Service. Missoula, MT.

McShane, C., T. Hamer, H. Carter, G. Swartzman, V. Friesen, D. Ainley, R. Tressler, K. Nelson, A. Burger, L. Spear, T. Mohagen, R. Martin, L. Henkel, K. Prindle, C. Strong and J. Keany. 2004. Evaluation report for the 5-year status review of the marbled murrelet in Washington, Oregon, and California. Unpublished report, EDAW, Inc. Seattle, WA. Prepared for the U.S. Fish and Wildlife Service, Region 1. Portland, OR.

Meehan, William R. 1991. Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats. United States Department of Agriculture. American Fisheries Society Special Publication 19. Bethesda, MD.

Megahan, W. and W. Kidd. 1972. Effects of logging and logging roads on erosion and sediment deposition from steep terrain. *Journal of Forestry* 70:136-141.

Megahan W. 1972. Subsurface road interception by a logging road in mountains of central Idaho. *In: Watersheds in Transition: [350-356]*. S. C. Csallany, T. G. McLaughlin and W. D. Striffler, editors. Colorado State University. Fort Collins, CO.

Megahan W. and D. Molitor. 1975. Erosional effects of wildfire and logging in Idaho. *In: Watershed Management Symposium; 1975 August*. Logan, UT: American Society of Civil Engineers Irrigation and Drainage Division: 423- 444.

Megahan, W., J. Ptoyondy and K. Seyedbagheri. 1992. Best management practices and cumulative effects from sedimentation in the South Fork Salmon River: an Idaho case study. *In: Watershed Management: Balancing Sustainability and Environmental Change*. [401-414]. R.J. Naiman, editor. Springer-Verlag. New York, NY.

Meier, Gretchen, and T. Weaver. 1997. Desirables and weeds for roadside management – a northern Rocky Mountain catalogue. Report No. RH WA/MT-97-8115. Final Report: July 1994 – December 1997. 145 p. [29135]. State of Montana Department of Transportation, Research, Development, and Technology Transfer program. Helena, MT.

Meleason, M. A., S. V. Gregory and J. Bolte. 2002. Simulation of stream wood source distance for small streams in the western Cascades, Oregon. General Technical Report PSW-GTR-181. Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service.



- Menges E., 2000. Population viability Analyses in Plants: Challenges and Opportunities. *Tree* vol.15, no. 2 Feb. 2000.
- Menke, C. and Kaye, T. 2006. Population Monitoring and Effects of Grazing on *Calochortus greenei* on the Cascade-Siskiyou National Monument. Annual Progress Report. Bureau of Land Management, Medford District. Medford, OR.
- Methane Energy Corporation. 14 December 2005. Interagency Tour of Drill Sites, Coos Bay, OR.
- Meyer, C.B., S.L. Miller, and C.J. Ralph. 2002. Multi-scale landscape and seascape patterns associated with marbled murrelet nesting areas on the U.S. west coast. *Landscape Ecology* 17:95-115.
- Meyer, J.M. March 2007. Personal Communications with Jack Meyer, Geologist, Northwest Natural Company.
- Michigan Department of Environmental Quality. 28 December 2001. Land and Water Management Division, Hydrologic Studies Unit.
- Miles, Patrick D. 14 July 2006. Forest inventory mapmaker web-application version 2.1. North Central Research Station, U.S. Department of Agriculture, U.S. Forest Service. St. Paul, MN. [Available only on internet: [www.ncrs2.fs.fed.us/4801/fiadb/index.htm](http://www.ncrs2.fs.fed.us/4801/fiadb/index.htm)]
- Millar, C.I. and W.B. Woolfenden. 1999. The role of climate change in interpreting historical variability. *Ecological Applications* 9:1207–1216.
- Miller, G.S., R.J. Small and E.C. Meslow. 1997. Habitat selection by spotted owls during natal dispersal in western Oregon. *Journal of Wildlife Management* 61(1):140-150.
- Miller, R.E., W.I. Stein, R.L. Heninger, W. Scott, S.N. Little, and D.J. Goheen. 1989. Maintaining and Improving Site Productivity in the Douglas-Fir Region. *In: Proceedings of a symposium, Maintaining the Long-Term Productivity of Pacific Northwest Forest Ecosystems*. March, 1987. Perry, D.A. and others, editors.
- Miller, R.E., W. Scott, and J.W. Hazard. 1996. Soil Compaction and conifer growth after tractor yarding at three coastal Washington locations. *Canadian Journal of Forest Research* 26: 225-236.
- Miller, R.F., and R.J. Tausch. 2001. The role of fire in juniper and pinyon woodlands: a descriptive analysis. pp. 15-30. *in: Proceedings invasive species workshop: the role of fire in the control and spread of invasive species*. Galley, K.E.M. and T.P. Wilson (editors). Miscellaneous Publication 11. Tall Timbers Research Station, Tallahassee, FL.
- Miller, D. 2003. Programs for DEM analysis. Landscape dynamics and forest management. General Technical Report RMRS-GTR-101CD [CD-ROM]. Rocky Mountain research Station, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.
- Miller, D. and L. Benda. 2005. Terrain resource inventory and analysis database: Landscape analysis tools for watershed scientists and planners. Earth Systems Institute, Ver. 1.1. Seattle, WA.
- Miller, D.J. and K.M. Burnett. 2007. A probabilistic model of debris-flow delivery to stream channels, demonstrated for the Coast Range of Oregon, USA, *Geomorphology*





- Moeur, M., T.A. Spies, M. Hemstorm, J.R. Martin, J. Alegriaa, J. Browning, J. Cissel, W.B. Cohen, T.E. Demeo, S. Healey and R. Warbington. 2005. Northwest Forest Plan - The first 10 years (1994-2003): status and trend of late-successional and old-growth forest. General Technical Report PNW-GTR-646. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Montgomery, D. R., J. M. Buffington, R. D. Smith, K. M. Schmidt and G. Pess. 1995. Pool spacing in forest channels. *Water Resources Research* 31:1097-1105.
- Montgomery, D. and J. Buffington. 1997. Channel reach morphology in mountain drainage basins. *Geological Society of America Bulletin* 109: 596-611. From: *Stillwater Sciences/NCASI*.
- Montgomery, D. R., B.D. Collins, T.B. Abbe and J.M. Buffington. 2003. Geomorphic effects of wood in rivers, *In: The Ecology and Management of Wood in World Rivers*, edited by S. V. Gregory, K. L. Boyer, and A. Gurnell. *American Fisheries Society Symposium* 37, [21-47]. Bethesda, MD.
- Morken, I. and R. Ziemer. 1998. Publications related to Caspar Creek. *In: Proceedings of the conference on coastal watersheds: the Caspar Creek story*, 6 May 1998; Ukiah, California. Robert R. Ziemer, technical coordinator. General Technical Report PSW GTR-168. [137-149]. Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Arcata, CA.
- Muir, P.S., R.L. Mattingly, J.C. Tappeiner II, J.D. Bailey, W.E. Elliott, J.C. Hagar, J.C. Miller, E.B. Peterson and E.E. Starkey. 2002. Managing for biodiversity in young Douglas-fir forests of western Oregon. Biological Science Report USGS/BRD/BSR-2002-006. 76 pp. U.S. Geological Survey, Biological Resources Division,
- Muir, Patricia S. 2004. An Assessment of Commercial “Moss” Harvesting from Forested Lands in the Pacific Northwestern and Appalachian Regions of the United States: How Much Moss is Harvested and Sold Domestically and Internationally and Which Species are Involved? 80 pp. Department of Botany and Plant Pathology, Oregon State University. Corvallis, OR,
- Murphy, M.L., et al. 1986. “Effects of clear-cut logging with and without buffer strips on juvenile salmonids in Alaskan streams.” *Canadian Journal of Fisheries and Aquatic Sciences* 43:1521-1533.
- Murphy M.L. and K.V. Koski. 1989. Input and Depletion of Woody Debris in Alaska Streams and Implications for Streamside Management. *North American Journal of Fisheries Management* 9:427-436.
- Myers, J. M., C. Busack, D. Rawding and A. Marshall. 10 May 2002. Identifying historical populations of Chinook and chum salmon and steelhead within the Lower Columbia River and Upper Willamette River evolutionarily significant units. Draft report to the comanagers from the Willamette/Lower Columbia River Technical Recovery Team, Northwest Fisheries Science Center, 2725 Montlake Blvd. E., Seattle, WA 98112.



- Naiman, R.J., T.J. Beechie, L.E. Benda, D.R. Berg, P.A. Bisson, L.H. McDonald, M.D. O'Conner, P.A. Olson and E.A. Steel. 1992. Fundamentals of ecologically healthy watersheds in the Pacific Northwest coastal region. *In: Watershed management: balancing sustainability and environmental change*, pp. 127-188. Naiman, R.J., editor. Springer-Verlag. New York, NY
- Naiman, R.J. and R.E. Bilby, editors. 1998. *River Ecology and Management: Lessons From the Pacific Coastal Ecoregion*. Springer-Verlag. New York, NY.
- Naiman, Robert J., C.A. Johnston and J.C. Kelley. December 1998. Alterations of North American Stream by Beaver: How Animals Shape Their Ecosystems. *BioScience*. Vol. 38, No. 11, pp. 753-762.
- Naiman R.J., R.E. Bilby and P.A. Bisson. 2000. Riparian ecology and management in the Pacific Coastal rain forest. *BioScience* 50:996-1011.
- National Wildfire Coordination Group. 2001. *Smoke Management Guide for Prescribed and Wildland Fire* PMS 420-2. National Wildfire Coordinating Group, National Interagency Fire Center
- NatureServe. 2006. NatureServe Explorer: An online encyclopedia of life [web application]. Version 4.7. NatureServe. Arlington, VA. Available <http://www.natureserve.org/explorer>. (Accessed: July 12, 2006 ).
- Naugle, D. E., C. L. Aldridge, B. L. Walker, T. E. Cornish, B. J. Moynahan, M. J. Holloran, K. Brown, G. D. Johnson, E. T. Schmidtman, R. T. Mayer, C. Y. Kato, M. R. Matchett, T. J. Christiansen, W. E. Cook, T. Creekmore, R. D. Falise, E. T. Rinkes, and M. S. Boyce. 2004. West Nile virus: pending crisis for greater sage-grouse. *Ecology Letters* 7: 704-713.
- Neary, D.G., K.C. Ryan, and L.F. DeBano, editors. 2005. *Wildland fire in ecosystems: effects of fire on soils and water*. General Technical Report RMRS-GTR-42-vol.4. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Ogden, UT:
- Neiland, Bonita J. 1958. Forest and adjacent burn in the Tillamook Burn area of northwestern Oregon. *Ecology* 39(4): 660-671.
- Nelson, S.K., M.H. Huff, S.L. Miller and M.G. Raphael. 2006. Marbled murrelet biology: habitat relations and populations. Chapter 2 *in* Huff, M.H., M.G. Raphael, S.L. Miller, S.K. Nelson, and J. Baldwin (technical coordinators). *Northwest Forest Plan---The first 10 years (1994-2003): status and trends of populations and nesting habitat for the marbled murrelet*. General Technical Report PNW-GTR-650. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Newton, V.C. Jr. and R.E. Stewart. 1965. *Oil and Gas Exploration in Oregon: State of Oregon Department of Geology and Mineral Industries. Miscellaneous Paper 6, 32p. and maps.*
- Newton, V.C. Jr. 1969. *Subsurface Geology of the Lower Columbia and Willamette Basins, Oregon: State of Oregon Department of Geology and Mineral Industries Oil and Gas Investigations No. 2, 121pp. Cross-sections and Maps.*



- Newton, V. C. Jr. 1980. Prospects for Oil and Gas in the Coos Basin, Western Coos, Douglas, and Lane Counties, Oregon: Oil and Gas Investigation Number 6. 74pp. State of Oregon Department of Geology and Mineral Industries.
- Nickelson, T. E., J.W. Nicholas, A.M. McGie, R.B. Lindsay, D.L. Bottom, R.J. Kaiser and S.E. Jacobs. 1992. Status of anadromous salmonids in the Oregon coastal basins. 83pp. Oregon Department of Fish and Wildlife. Portland, OR.
- Nickelson, Thomas E. 2001. Population Assessment: Oregon Coast Coho Salmon ESU. Oregon Department of Fish and Wildlife Information Report 2001-02. 47 pp. Northwest Region Research and Monitoring Program.
- Niem, A.R. W.A. Niem, M.W. Martin, M.M. Kadri and D.R. McKeel. 1985. Correlation of Exploration Wells, Astoria Basin, Oregon: State of Oregon Department of Geology and Mineral Industries Oil and Gas Investigations No. 14, 8p. and Maps.
- Niem, A.R. and W.A. Niem. 1990. Geology and Oil, Gas, and Coal Resources, Southern Tye Basin, Southern Coast Range, Oregon. Open-File Report O-89-3. 44 pp. State of Oregon Department of Geology and Mineral Industries.
- Nierenberg, T. and D. Hibbs. 2000. A characterization of unmanaged riparian areas in the central Coast Range of western Oregon. *Forest Ecology and Management* 129(2000): 195-206.
- Noggle, C. C. (1978). Behavioral, physiological and lethal effects of suspended sediment on juvenile salmonids. *Zoology*. University of Washington. Seattle, WA.
- Nonaka, E. and T.A. Spies. 2005. Historical range of variability in landscape structure: a simulations study in Oregon, USA. *Ecological Applications* 15(5): 1727-1746.
- Norris, D. and J. Shevock. 2004a. Contributions Toward a Bryoflora of California: I. A Specimen-Based Catalogue of Mosses. *Madrono*, Volume 51, No. 1, pp. 1-131.
- Norris, D. and J. Shevock. 2004b. Contributions Toward a Bryoflora of California: I. A Specimen-Based Catalogue of Mosses. *Madrono*, Volume 52, No. 2 pp. 133-269.
- Noss, Reed F., Jerry Franklin, William Baker, Tania Schoennagel and Peter B. Moyle. February 2006. Ecological Science Relevant to Management Policies for Fire-Prone Forests of the Western United States. Society for Conservation Biology Scientific panel on Fire in Western U.S. Forests.
- Nuzzo, Victoria. (2000). Element stewardship abstract: *Cirsium arvense*. In: Weeds on the web: The Nature Conservancy wildland invasive species program. Retrieved September 2006 from <http://tncweeds.ucdavis.edu/esadocs/cirsarve.html> [2001, July 01].
- Ohmann, J.L., M.J. Gregory and T.A. Spies. 2007. Influence of environment, disturbance, and ownership on forest vegetation of coastal Oregon. *Ecological Applications* 17:18-33.
- Olmstead, D.L. and M.P. Alger. 1985. Mist Gas Field: Exploration and Development 1979-1984: Oil and Gas Investigation 10, 36pp. Oregon Department of Geology and Mineral Industries.



- Olmstead, D.L., V.C. Newton Jr. and R.E. Stewart. 1989. Hydrocarbon Exploration and Occurrences in Oregon: Oil and Gas Investigation 15, 74 pp. Oregon Department of Geology and Mineral Industries.
- Olson, D.H., J.C. Hagar, A.B. Carey, J.H. Cissel and F.J. Swanson. 2001. Wildlife of Westside and High Montane Forests. pp. 187-212. *In: Wildlife-habitat Relationships in Oregon and Washington*, Johnson, D.H. and T.A. O'Neil (managing directors). Oregon State University Press. Corvallis, OR.
- Olson, G.S., E.M. Glenn, R.G. Anthony, E.D. Forsman, J.A. Reid, P.J. Loschl and W.J. Ripple. 2004. Modeling demographic performance of northern spotted owls relative to forest habitat in Oregon. *Journal of Wildlife Management* 68(4):1039-1053.
- Olson, G.S., R.G. Anthony, E.D. Forsman, S.H. Ackers, P.J. Loschl, J.A. Reid, K.M. Dugger, E.M. Glenn and W.J. Ripple. 2005. Modeling of site occupancy dynamics for northern spotted owls, with emphasis on the effects of barred owls. *Journal of Wildlife Management* 69(3):918-932.
- Oregon Department of Agriculture. 2001. Reintroduction of the Red Root Yampah (*Perideridia erythrorhiza*). Final Report to the BLM: Roseburg, Medford, and Lakeview Districts, Klamath Resource Area and Winema National Forest. 41 pp.
- Oregon Department of Agriculture, Noxious Weed Control, French broom. Retrieved 1/26/2007. [http://egov.oregon.gov/ODA/PLANT/WEEDS/profile\\_frenchbroom.shtml](http://egov.oregon.gov/ODA/PLANT/WEEDS/profile_frenchbroom.shtml)
- Oregon Department of Environmental Quality (ODEQ). 2004a. Web page for temperature limited water-bodies in Oregon. [www.deq.state.or.us/WQDnew/305b\\_303d/](http://www.deq.state.or.us/WQDnew/305b_303d/)
- ODEQ. 2004b. Water Quality Assessment. Section 305(b) Report.
- Oregon Department of Environmental Quality. 2006. Water quality assessment- Oregon's 2004/2006 integrated report database. [Online: <http://www.deq.state.or.us/wq/assessment/rpt0406/search.asp>]
- Oregon Department of Forestry. 1999. Storm impacts and landslides of 1996: Final report. Forest technical report No.4.
- Oregon Department of Forestry. 2005. Swiss needle cast and the H [harvest] & H [habitat] Model (Draft 3/3/05). Unpublished Internal Report.
- Oregon Department of Forestry. 2006. 2005 Timber harvest reports. November 2006. [http://egov.oregon.gov/ODF/STATE\\_FORESTS/FRP/2005MENU.shtml#Harvest\\_Data](http://egov.oregon.gov/ODF/STATE_FORESTS/FRP/2005MENU.shtml#Harvest_Data)
- Oregon Department of Fish and Wildlife (ODFW). 2003a. Oregon's Mule Deer Management Plan. Portland, OR.
- ODFW. 2003b. Oregon's Elk Management Plan. Portland, OR.
- ODFW. 2005a. Oregon Conservation Strategy. Salem OR.



ODFW. 2005b. The Importance of Beaver (*Castor Canadensis*) to Coho Habitat and Trend in Beaver Abundance in the Oregon Coast Coho ESU. ODFW (7) Beaver Final Report Part 4.

ODFW. 2006. Oregon Conservation Strategy. Salem, OR.

Oregon Employment Department. Oregon Labor Market Information System (OLMIS) <http://www.olmis.org/olmisj/OlmisZine>

Oregon Department of Geology and Mineral Industries. 1985. Oregon Administrative Regulations (OAR): [http://arcweb.sos.state.or.us/rules/OARS\\_600/OAR\\_632/632\\_010.html](http://arcweb.sos.state.or.us/rules/OARS_600/OAR_632/632_010.html); accessed March 2007.

Oregon Department of Geology and Mineral Industries. 1999. Oregon Administrative Regulations (OAR): [http://arcweb.sos.state.or.us/rules/OARS\\_600/OAR\\_632/632\\_010.html](http://arcweb.sos.state.or.us/rules/OARS_600/OAR_632/632_010.html); accessed March 2007.

Oregon Department of Geology and Mineral Industries. 2003. Mist Gas Field Production Figures 2002 and Mist Gas Field Map 2003: Open-File Report O-03-01, Tables and Maps.

Oregon Department of Geology and Mineral Industries. 7 February 2006, Unpublished, Oil and Gas Program and Geothermal Program Draft Report Submitted to Governing Board. 14pp.

Oregon Department of Geology and Mineral Industries. 2007. Mist Gas Field Production, 2006. <http://www.oregongeology.com/sub/oil/MistProduction2006.xls>

Oregon Department of Geology and Mineral Industries: 2007. Mist Gas Field Production, 2006 and Historic. <http://www.oregongeology.com/sub/oil/oilhome.htm>

Oregon Natural Heritage Information Center. 2004. Rare, Threatened and Endangered Species of Oregon. 105 pp. Portland, OR.

Oregon Natural Heritage Information Center. Sept. 2006. Database. Portland, OR.

Oregon Parks and Recreation Department (OPRD). 2003. Oregon Statewide Comprehensive Outdoor Recreation Plan, 2003-2007.

OPRD. 2004. Draft Habitat Conservation Plan for the Western Snowy Plover. Salem, OR.

Oregon State University. 2000 Online: <http://www.ocs.orst.edu/pub/maps/Precipitation/Total/States/OR/or.gif>

Oregon Watershed Enhancement Board (OWEB). 1999. Oregon watershed assessment manual. Available from Oregon Watershed Enhancement Board, 775 Summer St. NE, Suite 360, Salem, OR. 97301.

Orr, E.L. and W.N. Orr. 2000. Geology of Oregon, 5<sup>th</sup> Edition: 254 pp. Kendall/Hunt Publishing Company.

Outcalt, Kenneth Wayne and Edwin H. White. 1981. Phytosociological changes in understory vegetation following timber harvest in northern Minnesota. Canadian Journal of Forest Research. 11: 175-183.





- Packer, P. 1967. Criteria for designing and locating logging roads to control sediment. *Forest Science* 13(1): 1-18.
- Page, G.W., J.S. Warriner, J.C. Warriner and P.W.C. Paton. 1995. Snowy Plover (*Charadrius alexandrinus*). In *The Birds of North America*, No. 154 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, PA, and The American Ornithologists' Union, Washington, D.C.
- Pappajohn, S. 27 August 2002. Personal Communication with Steven Pappajohn, Principal of Geo Trends-Hampton International, Incorporated. Interagency Meeting. Salem, OR.
- Pappajohn, S. 14 December 2005. Personal Communication with Steve Pappajohn, President and Director of Methane Energy Corporation, Director of Cascadia Energy Corporation. Interagency Tour of Drill Sites. December 14, 2005. Coos Bay, OR.
- Pappajohn, S. 21 March 2007. Personal Communication with Steve Pappajohn, President and Director of Methane Energy Corporation, Director of Cascadia Energy Corporation.
- Parendes, Laurie A. and Julia A. Jones. 2000. Role of light availability and dispersal in exotic plant invasion along roads and streams in the H. J. Andrews Experimental Forest, Oregon. *Conservation Biology*. 14(1): 64-75.
- Park, C.S. 1993. SHADOW stream temperature management program. U.S. Department of Agriculture, U.S. Forest Service, Pacific Northwest Region.
- Park, C.S. 2005. *Personnel communication* with Dan Carpenter.
- Pashley, D.N., C.J. Beardmore, J.A. Fitzgerald, R.P. Ford, W.C. Hunter, M.S. Morrison and K.V. Rosenberg. 2000. *Partners in Flight Conservation of the Land Birds of the United States*. American Bird Conservancy. The Plains, VA.
- Pearson, R.R. and K.B. Livezey. 2003. Distribution, numbers, and site characteristics of spotted owls and barred owls in the Cascade Mountains of Washington. *Journal of Raptor Research* 37(4):265-276.
- Peck, M.E. 1941. *A manual of the higher plants of Oregon*. Binfords and Mort, Portland, OR.
- Peery, M.Z., S.R. Beissinger, B.H. Becker and S.H. Newman. 2002. Marbled murrelet (*Brachyramphus marmoratus*) demography in Central California: 2001 Progress Report. Prepared for the California Department of Fish and Game, U.S. Fish and Wildlife Service, and California State Parks.
- Peery, M.Z., S.R. Beissinger, S.H. Newman, E.B. Burkett and T.D. Williams. 2004 Applying the declining population paradigm: diagnosing causes of poor reproduction in the marbled murrelet. *Conservation Biology* 18(4):1088-1098.
- Pellant, M., P. Shaver, D.A. Pyke and J.E. Herrick. 2005. Technical Ref. 1734-6 (Version 4). *Interpreting Indicators of Rangeland Health*. USDI, BLM
- Perakis, S.S., D.A. Maguire, T.D. Bullen, K. Cromack, R.H. Waring and J.R. Boyle. 2006. Coupled Nitrogen and Calcium Cycles in Forests of the Oregon Coast Range. *Ecosystems* 9: 63-74.



Perry, D.A. 1998. The scientific basis of forestry. *Annual Review of Ecology and Systematics* 29:435-466.

Peterson, D.L., M.C. Johnson, J.K. Agee, T.B. Jain, D. McKenzie and E Reinhardt. 2005. "Forest Structure and Fire Hazard in Dry Forests of the Western United States" General Technical Report PNW-GTR-628. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service.

Petzet, A. 22 January 2007. Special Report: Water Issues Overshadow Powder River Coal Gas Play. *Oil and Gas Journal Online*, Volume 105, Issue 4. <http://www.ogj.com/currentissue/index.cfm?p=7&v=105&i=4>

Pilz, D., R. Molina and J. Mayo. 2006. Effects of Thinning Young Forests on Chanterelle Mushroom Production. *Journal of Forestry*.

Poage, N.J. *unpublished*. BLM Western Oregon Late-Successional and Old-Growth Conifer Data (1983 - 1991). On file at Eugene District, BLM. Eugene, OR.

Poage, N.J. 2000. Structure and development of old-growth Douglas-fir in central western Oregon. Ph.D. dissertation. 164 pp. Oregon State University. Corvallis, OR.

Poage, N.J. and J.C. Tappeiner. 2002. Long-term patterns of diameter and basal area growth of old-growth Douglas-fir trees in western Oregon. *Canadian Journal of Forest Research* 32 (7): 1232-1243.

Poggi, D., A. Porporato, L. Ridolfi, J. Albertson and G. Katul. 2004. The effect of vegetation density on canopy sub-layer turbulence. *Boundary-Layer Meteorology* 111: 565-587

Pollock, M.M., M. Heim and R.J. Naiman. 2003. Hydrologic and geomorphic effects of beaver dams and their influence on fishes. pp. 213-234. *In: The ecology and management of wood in world rivers*. Gregory, S.V., K. Boyer, and A. Gurnell, editors. American Fisheries Society, Bethesda, MD.

Poole, A. and F. Gill, editors. 2002. *The Birds of North America*. Nos. 1-716. Philadelphia, PA

Powell, R.A. and W. J. Zielinski. 1994. The Scientific Basis for Conserving Forest Carnivores: American Marten, Fisher, Lynx, and Wolverine in the Western United States (Chapter 3 Fisher). General Technical Report GTR RM-254. Rocky Mountain Forest and Range Experiment Station, U.S. Department of Agriculture, U.S. Forest Service.

Proctor, Bernadette D. and Joseph Dalaker. 2002. Current Population Reports, P60-219, Poverty in the United States: 2001. U.S. Census Bureau.

Ralph, C.J. and S.L. Miller. 1995. Offshore population estimates of marbled murrelets in California. pp. 353-360. *In: Ecology and Conservation of the Marbled murrelet*. Ralph, C.J., G.L. Hunt, Jr., M. G. Raphael, and J.F. Piatt, editors. General Technical Report PSW-GTR-152. Pacific Southwest Experimental Station, U.S. Department of Agriculture, U.S. Forest Service. Albany, CA.





- Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. 1995. Ecology and conservation of the marbled murrelet in North America: an overview. pp. 3-22. *In*: Ecology and conservation of the marbled murrelet. General Technical Report PSW-GTR-152. Pacific Southwest Experimental Station, U.S. Department of Agriculture, U.S. Forest Service. Albany, CA.
- Raphael, M.G., D.E. Mack and B.A. Cooper. 2002. Landscape-scale relationships between abundance of marbled murrelets and distribution of nesting habitat. *Condor* 104(2), 331-342.
- Raphael, M.G., D.E. Mack, J.M. Marzluff, and J.M. Luginbuhl. 2002b. Effects of forests fragmentation on populations of the marbled murrelet. *Studies in Avian Biology* 25:221-235.
- Raphael, M.G., B.M. Galleher, J.H. Huff, S.L. Miller, S.K. Nelson and R.D. Young. 2006. Chapter 5: Spatially explicit estimates of potential nesting habitat for the marbled murrelet. *In*: Northwest Forest Plan---The first 10 years (1994-2003): status and trends of populations and nesting habitat for the marbled murrelet. Huff, M.H., M.G. Raphael, S.L. Miller, S.K. Nelson and J. Baldwin (technical coordinators). PNW-GTR-650. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Rapp, Valerie. 2004. Western Forests, Fire Risk and Climate Change, PNW Science Update, Issue 6. [Http://www.fs.fed.us/pnw](http://www.fs.fed.us/pnw)
- Rashin, E., C. Clishe, A. Loch and J. Bell. 2006. Effectiveness of timber harvest practices for controlling sediment related water quality impacts. *Journal of the American Water Resources Association*. Paper No. 01162.
- Rasmussen, M.C. and W.J. Ripple. 1998. Retrospective analysis of forest landscape patterns in western Oregon. *Natural Areas Journal* 18(2): 151-163.
- Rasmussen, Mark. personal communication. 25 August 2006. Notes of meeting hosted by the American Forest Resources Council. Eugene OR.
- Reeves, G.H., F.H. Everest and J.R. Sedell. 1993. "Diversity of juvenile anadromous salmonid assemblages in coastal Oregon basins with different levels of timber harvest." *Transactions of the American Fisheries Society* 122:309-317.
- Reeves, G.H., L.E. Benda, K.M. Burnett, P.A. Bisson and J.R. Sedell. 1995. A Disturbance-Based Ecosystem Approach to Maintaining and Restoring Freshwater Habitats of Evolutionarily Significant Units of Anadromous Salmonids in the Pacific Northwest. *American Fisheries Society Symposium* 17:334-349.
- Reeves, G.H., P. A. Bisson, B.E. Rieman and L.E. Benda. 2006. Postfire logging in riparian areas. *Conservation Biology* 20(4): 994-1004.
- Reid, L. M. 1981. Sediment Production from Gravel-Surfaced Forest Roads, Clearwater Basin, Washington. Fisheries Research Institute. College of Fisheries, University of Washington. Seattle, Washington. FRI-UW-8108.
- Reid, Leslie M. and Thomas Dunne. 1984. Sediment production from forest road surfaces. *Water Resources Research* 20(11):1753-1761.



- Reiter, M. and R. Beschta. 1995. Effects of Forest Practices on Water in Cumulative Effects of Forest Practices in Oregon: Literature and Synthesis. 185 pp. Forest Engineering Department, College of Forestry, Oregon State University. Corvallis, OR.
- Ricca, M.A. 1999. Movements, Habitat Associations, and Survival of Columbian White-tailed deer in Western Oregon. M.S. Thesis. Oregon State University. Corvallis, OR.
- Ricca, M.A., R.G. Anthony, D.H. Jackson and S.A. Wolfe. 2003. Spatial Use and Habitat Associations of Columbian White-tailed Deer Fawns in Southwestern Oregon. *Northwest Science* 77(1):72-80.
- Rich, T.D., C.J. Beardmore, H. Berlanga, and P.J. Blancher. 2004. Partners in Flight North American Landbird Conservation Plan. Cornell Lab of Ornithology. Ithaca, NY.
- Richardson, H.W. 1972. *Input-output and regional economics*. John Wiley and Sons: New York, NY.
- Ripple, W.J., K.T. Hershey and R. Anthony. 2000. Historical Forest Patterns of the Central Oregon Coast Range. *Biological Conservation* 93:127-133.
- Ritchie, Martin W. 1999. A compendium of forest growth and yield simulators for the Pacific Coast states. General Technical Report PSW-GTR-174. 59 pp. Pacific Southwest Research Station, U.S. Department of Agriculture; U.S. Forest Service. Albany CA:
- Ritchie, Martin W. 2006. Users guide and help system for CONIFERS: a simulator for young mixed-conifer stands version 3.00. Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Albany, CA.
- Rizzo, D. M., M. Garbelotto, J.M. Davidson, G.W. Slaughter and S.T. Koike. 2002. *Phytophthora ramorum* as the cause of extensive mortality of *Quercus* spp. and *Lithocarpus densiflorus* in California. *Plant Disease* 86: 205-214.
- Rizzo, D. M. 2003. Sudden Oak Death: Host plants in forest ecosystems in California and Oregon. Sudden Oak Death Online Symposium. [www.apsnet.org/online/SOD](http://www.apsnet.org/online/SOD)
- Robichaud, P.R., J.L. Beyers and D.G. Neary. 2000. Evaluating the effectiveness of postfire rehabilitation treatments. General Technical Report RMRS-GTR-63. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.
- Robison, M. Henry. 1997. Community Input/Output Models for Rural Area Analysis. *Annals of Regional Science*. Vol 31(3), pp 325-351.
- Roche, Cindy Talbott and Ben F. Roche, Jr. 1988. Distribution and amount of four knapweed (*Centaurea* L.) species found in eastern Washington. *Northwest Science* 62(5): 242-253.
- Roloff, Gary J, Stephen P. Mealy, Christopher Clay, Jeff Barry, Curt Yanish and Leon Neuenschwander. 2005. "A Process for modeling short and long term risk in the southern Oregon Cascades" *Forest Ecology and Management* 211 (2005) 166-190. [Http://www.sciencedirect.com](http://www.sciencedirect.com)



Romero, Nicolas; Roberts E. Gresswell and Judith L. Li. (2005). "Changing patterns in coastal cutthroat trout (*Onchorhynchus clarki clarki*) diet and prey in a gradient of deciduous canopies." Canadian Journal of Fisheries and Aquatic Science. 62: 1797-1807.

Roni, P. 2001. Responses of fishes and salamanders to instream restoration efforts in western Oregon and Washington. Report to Bureau of Land Management on project completion, Interagency Agreement No. 1422H952-A98-3007. 132 pp. National Marine Fisheries Service, Northwest Fisheries Science Center. Seattle, WA.

Rooney, B. 22 June 2006. Oregon's forestry and logging industry: particularly important to rural areas. 6 pp. Oregon Employment Department.

Rosenberg, D.K., K.A. Swindle and R.G. Anthony. 2003. Influence of prey abundance on northern spotted owl reproductive success in western Oregon. Canadian Journal of Zoology 81:1715-1725.

Rothacher, J. 1973. Does harvest in west slope Douglas-fir increase peak flow in small streams? Pacific Northwest Forest and Range Experiment Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.

Rowland, M.M., M.J. Wisdom, B.K. Johnson and J.G. Kie. 2000. Elk distribution and modeling in relation to roads. Journal of Wildlife Management 64(3):672-684.

Rowland, M.M., M.J. Wisdom, B.K. Johnson and J.G. Kie. 2004. Effects of roads on elk: implications for management in forested ecosystems. In: Transaction of the Sixty-ninth North American and Natural Resources Conference held March 16-20, 2004, in Spokane, Washington. J. Rahm, editor. Wildlife Management Institute, Washington, D.C.

Ryu, I. C., A.R. Niem, W.A. Niem, R.E. Wells and P.O. Hales. 1996. Oil and Gas Potential of the Southern Tye Basin, Southern Oregon Coast Range. Oil and Gas Investigation 19. Cross Sections and 141pp. State of Oregon Department of Geology and Mineral Industries.

Sandberg, D.V., R.D. Ottmar and J.L. Peterson. 2002. "Wildland Fire in Ecosystems: effects of fire on air" General Technical Report RMRS-GTR-42-Vol. 5. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Fort Collins, CO.

Schemske, D., Husband, B., Ruckelshaus, Goodwillie, C., Parker, I., Bishop, J. 1994. Evaluating Approaches to the Conservation of Rare and Endangered Plants. Ecology, 75(3) pp. 584-606.

Schmidt, Karen, J.P. Menakis, C.C. Hardy, W.J. Hann, D.L. Bunnell. 2002 "Development of Coarse-Scale Spatial Data for Wildland Fire and Fuel Management." General Technical Report RMRS-87. Rocky Mountain Research Station, U.S. Department of Agriculture, U.S. Forest Service. Missoula, Montana

Schoenberger, M. D. Meyer and A. Perry. 1982. The effect of soil disturbance on growth and ectomycorrhizae of Douglas-fir and western hemlock seedlings: a greenhouse bioassay. Canadian Journal of Forest Research 12: 343-353.



Scientific Consensus Statement on the Likely Impacts of Climate Change on the Pacific Northwest. Oregon State University, October 12, 2004. Available online at: [http://www.ef.org/westcoastclimate/E\\_OSU%20Consensus%20Statement.pdf](http://www.ef.org/westcoastclimate/E_OSU%20Consensus%20Statement.pdf)

Seaber, P., F. Kapinos and G. Knapp. 2007. Hydrologic Unit Maps. U.S. Geological Survey, Water Supply Paper 2294. Online: [<http://pubs.usgs.gov/wsp/wsp2294/>]

Sedell, J.R. and K.J. Luchessa. 1981. Using the historical record as an aid to salmonid habitat enhancement. pp. 210-223. *In*: Acquisition and utilization of aquatic habitat inventory information. N.B. Armantrout, editor. Proceedings of symposium, 28-30 October 1981. 376 pp. Portland, OR.

Sedell, James R. and Judith L. Froggatt. 1984. Importance of streamside forests to large rivers: the isolation of the Willamette River, Oregon, U.S.A., from its floodplain by snagging and streamside forest removal. *Verhandlungen International Verein Limnologie* 22: 1828-1834.

Sedell, J. R. and K. J. Luchessa. 1984. Using the historical record as an aid to salmonid habitat enhancement. *In*: Acquisition and Utilization of Aquatic Habitat Inventory Information. [210-222]. N.B. Armantrout, editor. American Fisheries Society, Western Division. Bethesda, MD.

Sedell, J.R. and C.N. Dahm. 1984. "Catastrophic disturbances to stream ecosystems: Volcanism and clear-cut logging." *In*: Current Perspectives in Microbial Ecology. M.J. Klug and C.A. Reddy, editors. Michigan State University, East Lansing, MI. and American Society of Microbiology, Washington, DC.

Seiger, Leslie. 1991. Element Stewardship Abstract for *Polygonum cuspidatum*: Japanese knotweed, Mexican bamboo. The Nature Conservancy. 1815 North Lynn Street, Arlington, VA. 22209. <http://tncweeds.ucdavis.edu/esadocs/documnts/polycus.rtf> Retrieved September, 2006.

Sensenig, T.S. 2002. Development, Fire History and Current and Past Growth, of Old-Growth and Young-Growth Forest Stands in the Cascade, Siskiyou and Mid-Coast Mountains of Southwestern Oregon. Ph.D. Dissertation. Oregon State University. Corvallis, OR.

Sessions, J., P. Bettinger, R. Buckman, M. Newton and J. Hamann. 2004. Hastening the return of complex forests following fire: the consequences of delay. *Journal of Forestry* 102: 38-45.

Sheley, Roger L.; James S. Jacobs and Michael F. Carpinelli. 1998. Distribution, biology, and management of diffuse knapweed (*Centaurea diffusa*) and spotted knapweed (*Centaurea maculosa*). *Weed Technology*. 12(2): 353-362.

Shelton, J. M. and R. D. Pollock. 1966. Siltation and egg survival in incubation channels. *Transactions of the American Fisheries Society* 95(2):183-187.

Sigler, John. W., T. C. Bjornn and Fred H. Everest. 1984. "Effects of chronic turbidity on density and growth of steelheads and coho salmon." *Transactions of the American Fisheries Society*. 113: 142-150.

Skaugset, Arne. 1997. Review of Earlier Soil Compaction Studies: A paper presented at a Society of American Foresters Conference on Understanding and Managing Soil Compaction to Maintain Ecosystem Productivity. Bend, OR.



- Smith, W.P. 1987. Dispersion and Habitat Use by Sympatric Columbian White-Tailed Deer and Columbian Black-Tailed Deer. *Journal of Mammalogy* 68(2):337-347.
- Smith, J. 2004. A Synthesis of Potential Climate Change Impacts on the U.S. Pew Center on Global Climate Change. Arlington, VA.
- Smith, W.P. 1987. Dispersion and Habitat Use by Sympatric Columbian White-Tailed Deer and Columbian Black-Tailed Deer. *Journal of Mammalogy* 68(2):337-347.
- Soll, Jonathon; D. Kruezer, K. Strauss, and J. Dumont. 2007. Sandy River Riparian Habitat Protection Project Report 2006. The Nature Conservancy. The Global Invasive Species Initiative. Retrieved January, 2007 from <http://tncweeds.ucdavis.edu/moredocs/polspp03.pdf>
- Sorenson, D. L., M. M. McCarthy, E.J. Middlebrooks and D.B. Porcella. 1977. Suspended and dissolved solids effects on biota: A review. EPA-600/3-77-042. 64 pp. U.S. Environmental Protection Agency, Environmental Research Laboratory. Corvallis, OR.
- Speich, S.M. and T.R. Wahl. 1995. Marbled murrelet populations of Washington – marine habitat preferences and variability of occurrence. pp. 313-326 *In*: Ecology and conservation of the marbled murrelet. C.J. Ralph, G.L. Hunt, Jr., M.G. Raphael, and J.F. Piatt, editors. General Technical Report PSW-GTR-152. Pacific Southwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Albany CA.
- Spies, T.A. and J.F. Franklin. 1988. Old-growth and forest dynamics in the Douglas-fir region of western Oregon and Washington. *Natural Areas Journal* 8:190–201.
- Spies, T.A. and J.F. Franklin. 1991. The structure of natural young, mature, and old-growth Douglas-fir forests in Oregon and Washington. *In*: Ruggiero, L.F., K.B. Aubrey, A.B. Carey, and M.H. Huff, technical coordinators. Wildlife and Vegetation of Unmanaged Douglas-fir Forests. pp. 91-109. General Technical Report PNW-285. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Spies, T.A. and W.B. Cohen. 1992. An index of canopy height diversity. *COPE Report* 5(3): 5-7.
- Spies, T.A. 2004. Ecological concepts and diversity of old-growth forests. *Journal of Forestry* April/May: 14-20.
- Spies, T.A. 2006. Maintaining old-growth forests. Chapter 6 *in* R.W. Haynes, B.T. Bormann, D.C. Lee, J.R. Martin, tech. eds. Northwest Forest Plan - The First 10 Years (1994-2003): Synthesis of Monitoring and Research Results. General Technical Report PNW-GTR-651. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.
- Sproule Associates, Inc. 2004. Letter Report to John Carlson, Geo Trends-Hampton International from Leslie S. O'Connor, U.S. Manager and John P. Seidle, Senior Reservoir Engineer; date May 3, 2004. 8pp. (Used with written permission of Methane Energy Corporation, February 14, 2007).
- Sproule Associates, Inc. 2005. Letter Report to John Carlson, Director, Torrent Energy Corporation from Leslie S. O'Connor, U.S. Manager and John P. Seidle, Senior Reservoir Engineer; date June 17, 2005. 26p. (Used with written permission of Methane Energy Corporation, February 14, 2007).





Sproule Associates, Inc., 2006, Letter Report to John Carlson, Director, Torrent Energy Corporation from Leslie S. O'Connor, U.S. Manager and John P. Seidle, Senior Reservoir Engineer; date April 12, 2006. 4p. (Used with written permission of Methane Energy Corporation, February 14, 2007).

Stallman, J., R. Bowers, N. Cabrera, R. Real de Asus and J. Wooster. 2005. Sediment dynamics in the upper McKenzie River Basin, central Oregon coast range. American Geophysical Union #H51E-0411.

Stephens, Scott Lewis. 1998. "Evaluation of the effects of silvicultural and fuels treatments on potential fire behavior in Sierra Nevada mixed conifer forests" *Forest Ecology and Management* 105(1998) 21-35)

Sterns, M.A., J.S. McIver and G.A. Rosenberg. 1990. Investigations of the western snowy plover at the Coos Bay North Spit and adjacent sites in Coos and Curry Counties, Oregon. 33pp. Report to the Oregon Department of Fish and Wildlife, Nongame Program.

Steventon, J.D. and N.L. Holmes. 2002. A radar-based inventory of marbled murrelets (*Brachyramphus marmoratus*), northern Mainland Coast of British Columbia. 40 pp. Prince Rupert Forest Region, British Columbia Ministry of Forests.

Storck, P., T. K. Kern and S. Bolton. 1997. Measurement of differences in snow accumulation, melt, and micrometeorology between clearcut and mature forest stands. University of Washington, Department of Civil Engineering. Presented at the Western Snow Conference. Banff, Alberta, Canada.

Strang, R. M.; K.M. Lindsay and R.S. Price. 1979. Knapweeds: British Columbia's undesirable aliens. *Rangelands* 1(4): 141-143.

Strathers, R.J., T.P. Rollerson and S.J. Mitchell. 1994. Windthrow handbook for British Columbia forests. Working Paper 9401. British Columbia Ministry of Forests. Victoria, British Columbia, Canada.

Strong, C.S. and T.M. Carten. 2000. Marbled murrelets at sea in Oregon: status of abundance and reproduction during 1999. Draft final report to the Oregon Department of Fish and Wildlife. 17 pp. Portland, OR.

Strong, C.S. 2003a. Decline of the marbled murrelet population on the central Oregon coast during the 1990's. *Northwestern Naturalist* 84: 31-37.

Strong, C.S. 2003b. Marbled murrelet abundance and reproductive indices in Oregon during 2002. Unpublished report. 14 pp. Oregon Department of Fish and Wildlife, and U.S. Fish and Wildlife Service. Portland, OR.

Sullivan, K.; T. Lisle, C. Dollof, G. Grant and L. Reid. 1987. Stream channels: the link between forests and fish. *In: Streamside management: forestry and fishery interactions*. Contribution Number 57. E.O. Salo and T.W. Cundy, editors. University of Washington, Institute of Forest Resources. 39-97. Seattle, WA.





- Sullivan, K. and S. Duncan. 1980. Sediment yield from road surfaces in response to truck traffic and rainfall. Weyerhaeuser Technical Report 042-4402/80. Weyerhaeuser Company, Technical Center. Tacoma, WA.
- Suring, L.H. 1975. Habitat use and activity patterns of the Columbian white-tailed deer along the lower Columbia River. M.S. Thesis. 59pp. Oregon State University. Corvallis, OR.
- Suring, L.H. and P.A. Vohs, Jr. 1979. Habitat use by Columbian white-tailed deer. *Journal of Wildlife Management* 43:610-619.
- Swanson, F. 1981. Fire and geomorphic process. *In*: Proceedings, fire regimes and ecosystems conference. Dec. 11-15, 1979. Honolulu, HI. General Technical Report WO-26. U.S. Department of Agriculture, U.S. Forest Service. Washington, D.C.
- Swanson, F., R. Fredriksen and F. McCorison. 1982. Material Transfer in a Western Oregon Forested Watershed. *In*: Analysis of coniferous forest ecosystems in western United States. [233-266]. R. Edmonds, editor. US/IBP Synthesis Series 14. Hutchinson Ross Publishing Co. Stroudsburg, PA.
- Swanson, F., R. Graham and G. Grant. 1985. Some effects of slope movements on river channels. *In*: International symposium on erosion, debris flow and disaster prevention: Proceedings: [273-278]. 3-5 September 1985. Tsukuba, Japan.
- Swanston, D. and F. Swanson. 1976. Timber harvesting, mass erosion, and steep-land forest geomorphology in the Pacific Northwest. *In*: Geomorphology and engineering: [199-221]. D.R. Coates, editor. Dowden, Hutchinson, and Ross, Inc. Stroudsburg, PA.
- Swift, L. 1986. Filter strip widths for forest roads in the southern Appalachians. *Southern Journal of American Forestry* 10 (1986): 27-34.
- Tappeiner, J.C., D. Huffman, D. Marshall, T.A. Spies and J.D. Bailey. 1997. Density, ages, and growth rates in old growth and young forests in coastal Oregon. *Canadian Journal of Forest Research* 27: 638-648.
- Taylor, A.H. and C.N. Skinner. 2003. Spatial patterns and controls on historical fire regimes and forest structure in the Klamath Mountains. *Ecological Applications* 13(3): 704-719.
- The Nature Conservancy; U.S. Department of Agriculture, U.S. Forest Service; and the U.S. Department of the Interior. 2005. LANDFIRE Rapid Assessment Modeling Manual, Version 2.1. Boulder, CO.
- The Nature Conservancy. The Global Invasive Species Initiative. Weed Alert!: *Brachypodium sylvaticum* (Huds.) P. Beauv. (slender false-brome, false brome). Retrieved January 25, 2007 from: <http://tncweeds.ucdavis.edu/alert/alrtbrac.html>
- Theirrault, Shannon. 2001. "Wildfire Smoke a Guide for Public Officials"



- Thomas, J.W., E.D. Forsman, J.B. Lint, E.C. Meslow, B.R. Noon and J. Verner. 1990. A conservation strategy for the northern spotted owl. A report by the Interagency Scientific Committee to address the conservation of the northern spotted owl. U.S. Department of Agriculture, U.S. Forest Service and U. S. Department of the Interior, U.S. Fish and Wildlife Service, Bureau of Land Management, and National Park Service. Portland, OR.
- Thomas, R. and W. Megahan. 1988. Peak flow responses to clear-cutting and roads in small and large basins, western Cascades, Oregon: A second opinion. *Water Resources Research* Vol. 34, No. 12, [3393-3403].
- Thomas, J., J. Franklin, J. Gordon and N. Johnson. 2006. The Northwest Forest Plan: Origins, Components, Implementation Experience, and Suggestions for Change. *Conservation Biology*, Vol. 20, No 2, pp. 277-287.
- Thorpe, A.S. and T.N. Kaye. 2006. Experimental habitat manipulation of wayside aster (*Aster vialis*). Institute for Applied Ecology, Corvallis, Oregon and USDI Bureau of Land Management, Eugene District.
- Titus, Jonathan H.; Scott Moore, Mildred Arnot and Priscilla J. Titus. 1998. Inventory of the vascular flora of the blast zone, Mount St. Helens, WA. *Madrono*. 45(2): 146-161.
- Torrent Energy Corporation. 2005. Coos Bay Basin Project: Webpage: <http://www.torrentenergy.com/s/CoosBayBasin.asp>
- Toth, S. 1991. A road damage inventory for the upper Deschutes River basin. Timber-Fish-Wildlife Report. TFW-SH14-91-007.
- Tschaplinski, P.J. and G.F. Hartman. 1983. "Winter distribution of juvenile coho salmon (*Oncorhynchus kisutch*) before and after logging in Carnation Creek, British Columbia, and some implications for overwinter survival." *Canadian Journal of Fisheries and Aquatic Sciences* 40:452-461.
- Turner, Monica G., William H. Romme, Robert H. Gardner and William W. Hargrove. 1997. Effects of fire size and pattern on early succession in Yellowstone National Park. *Ecological Monographs* 67(4): 411-433.
- Turner, Nancy J. 1999. "Time to burn": Traditional use of fire to enhance resource production by aboriginal peoples in British Columbia. *In: Indians, fire and the land in the Pacific Northwest*. pp. 185-218. Boyd, Robert, editor. Oregon State University Press. Corvallis, OR.
- Tweten, R.G. 1992. Narratives of final critical habitat units for the northern spotted owl in Oregon. Administrative Record. U.S. Department of the Interior, U.S. Fish and Wildlife Service. Portland, OR.
- U.S. Army Corps of Engineers. 1956. Snow hydrology-summary report of the snow investigations. 473 pp. North Pacific Division. Portland, OR.
- U. S. Army Corps of Engineers. 1998. Runoff from snowmelt. Engineering Manual EM 1110-2-1406. online: [<http://www.usace.army.mil/publications/eng-manuals/em1110-2-1406/c-5.pdf>]



U.S. Census Bureau. 2000 -2006. DP 1 Profiles of General Demographic Characteristics and DP 3 Profile of selected economic characteristics.

U.S. Global Change Research Program, National Assessment Synthesis Team. 2001. US National Assessment of the Potential Consequences of Climate Variability and Change Educational Resources. Regional Paper: Pacific Northwest. U.S. Climate Change Science Program/U.S. Global Change Research Program. Washington D.C. Available online at: <http://www.usgcrp.gov/usgcrp/nacc/education/pnw/default.htm>

U.S. Department of Agriculture (USDA). Soil Conservation Service. 1971. Guide to range condition class and/or forage quality for the Siskiyou and Klamath Land Resource Areas. Jackson County, OR.

USDA, Pacific Northwest Research Station, U.S. Forest Service and Oregon Department of Forestry. 2002. Land Conservation and Development, and Agriculture: Forests, Farms and People - Land Use Change on non-Federal Land in Western Oregon, 1973-2000.

USDA, U.S. Forest Service. 1988. Final supplement to the environmental impact statement for an amendment to the Pacific Northwest Regional Guide. Pacific Northwest Region. Portland, OR.

USDA, U.S. Forest Service. 2005a. Pacific Northwest Region Invasive Plant Program: Preventing and Managing Invasive Plants. Final Environmental Impact Statement. Volume 1.

USDA, U.S. Forest Service. 28 July 2005b. Letter from L.E. Friedman, Director, Resource Planning and Monitoring to Forest Supervisor, Colville National Forest and Forest Supervisor, Okanogan and Wenatchee National Forests.

USDA, U.S. Forest Service. 2006a. Northwest Forest Plan: The First Ten Years. Socioeconomic Monitoring Results. General Technical Report PNW-GTR-649, Vol. III, pp. 37 – 76. Pacific Northwest Research Station.

USDA, U.S. Forest Service. 2006b. Modeling genetic gain in established Douglas-fir plantations. Research proposal; submitted by Randy Johnson, PNW Research Station, Corvallis, OR; Peter Gould, PNW Research Station, Olympia, WA; and David Marshall, Weyerhaeuser Company. <http://www.fs.fed.us/pnw/about/programs/rmp/Agenda2020-collaboration.shtml>

USDA, U.S. Forest Service. 2006c. Considering Communities in Forest Management Planning in Western Oregon. Donoghue E., N. Sutton and R. Haynes. General Technical report PNW-GTR-693. Pacific Northwest research Station.

USDA, U.S. Forest Service and U.S. Department of the Interior (USDI), Bureau of Land Management (BLM). 1993a. Pacific Yew, Final Environmental Impact Statement, Record of Decision.

USDA, U. S. Forest Service; Umpqua, Willamette, and Rogue-Siskiyou National Forests; and USDI BLM; Medford and Eugene Districts. 1993b. Conservation Strategy *Frasera umpquaensis* (Green Gentian or Umpqua swertis).

USDA, U.S. Forest Service; Mt. Hood and Willamette National Forests; and USDI, BLM; Salem District. 1994a. Conservation Strategy for *Aster gormanii*.



USDA, U.S. Forest Service and USDI, BLM. February 1994b. *Final Supplemental Environmental Impact Statement on Management of Habitat for Late-Successional and Old-Growth Forest Related Species Within the Range of the Northern Spotted Owl*. Washington, D.C.

USDA, U.S. Forest Service; Umpqua National Forest; and USDI, BLM; Roseburg and Medford Districts; and USDI, USFWS. 1995. Conservation Agreement for *Calochortus umpquaensis* (Umpqua Mariposa Lily).

USDA, U.S. Forest Service; Winema, Shasta-Trinity, Modoc and Lassen National forests; USDI, BLM; Lakeview, Burns and Spokane Districts; USDI, USFWS; Klamath Basin National Wildlife Refuge; and California Department of Fish and Game. 1996a. Conservation Strategy for *Rorippa columbiae* (Columbia cress).

USDA, U.S. Forest Service; Umpqua, Mt Hood, Willamette and Rogue River-Siskiyou National Forests; and USDI, BLM, Roseburg, Eugene, Salem and Medford Districts; and U.S. Army Corps of Engineers, Willamette Valley Project. 1996b. Conservation Strategy *Cimicifuga elata* (Tall bugbane).

USDA, U.S. Forest Service and USDI, Bureau of Land Management. 1997. Survey and Manage Draft Management Recommendations – Bryophytes. Installment 1. IM OR1997-027 Transmittal IM. Unpublished report. On file with: Regional Ecosystem Office, P.O. Box 3623, Portland, OR. 97208

USDA, U.S. Forest Service and USDI, Bureau of Land Management. 1998. Management recommendations for vascular plants. Unpublished report. On file with: Regional Ecosystem Office, P.O. Box 3623, Portland, OR. 97208.

USDA, U.S. Forest Service and USDI, BLM. Interagency Wild and Scenic Rivers Coordinating Council. December 1999. The Wild and Scenic River Study Process.

USDA, U.S. Forest Service and USDI, Bureau of Land Management. 2000a. Management recommendations for lichens, Version 2.0. IM OR2000-042, Transmittal IM. Unpublished report. On file with: Regional Ecosystem Office, P.O. Box 3623, Portland, OR. 97208

USDA, U.S. Forest Service and USDI, Bureau of Land Management. 2000b. Management recommendations for lichens, Version 2.0. IM OR2000-042, Transmittal IM. Unpublished report. On file with: Regional Ecosystem Office, P.O. Box 3623, Portland, Oregon 97208.

USDA, U.S. Forest Service and USDI, BLM. 2002. Results of landscape level protocol survey of survey zones 1 and 2 for marbled murrelet. A memo from T. Riley, USFS, and R. Wenker, BLM, to K. McMaster, USFWS. March 4, 2002.

USDA, U.S. Forest Service and USDI, BLM. July 2003. *Gerber-Willow Valley Watershed Analysis*. Klamath Falls, OR.

USDA, U.S. Forest Service and USDI, BLM. 2004a. Final Supplemental Environmental Impact Statement to Remove or Modify the Survey and Manage Mitigation Measure Standards and Guidelines in Forest Service and Bureau of Land Management Planning Documents Within the Range of the Northern Spotted Owl.



- USDA, U.S. Forest Service and USDI, BLM. 2004b. Final Supplemental Environmental Impact Statement: Management of Port-Orford-Cedar in Southwest Oregon. Portland, Oregon.
- USDA, U.S. Forest Service and USDI, BLM. 2004c. The Healthy Forests Initiative and Healthy Forests Act Interim Field Guide.
- USDA, U.S. Forest Service and USDI, BLM. 2004d. Biscuit Fire Recovery Project Final Environmental Impact Statement. Rogue River-Siskiyou National Forest and Medford District, BLM. Medford, OR.
- USDA, U.S. Forest Service; Siuslaw National Forest; USDI, BLM; Coos Bay District; USDI, National Park Service; Redwood National Park; and Redwood State Park, CA. 2004. Conservation Strategy for Pink Sand-verbena (*Abronia umbellata* ssp. *breviflora*).
- USDA, U.S. Forest Service and USDI, BLM. 2005a. Draft Rapid Assessment Reference Condition Models. Available online at: <http://www.reo.gov/ecoshare/news-issues/ram-issues.asp>
- USDA, U.S. Forest Service and USDI, BLM. 2005b. Northwest Forest Plan Temperature TMDL Implementation Strategies. U.S. Forest Service, R-6 Regional Office and BLM Oregon State Office. Portland, OR.
- USDA, U.S. Forest Service, Umpqua National Forest; USDI, BLM, Roseburg District, and U.S. Fish and Wildlife Service. 2006. Programmatic Conservation Agreement for Kincaid's Lupine (*Lupinus sulphureus* spp. *kincaidii*) in Douglas County, OR.
- USDA, U. S. Forest Service; Six Rivers and Rogue-Siskiyou National Forests; USDI, BLM; Medford and Coos Bay Districts; and USDI, USFWS; Arcata and Roseburg Field Offices. 2006. Conservation Agreement for *Hastingsia bracteosa*, *H. atropurpurea*, *Gentiana setigera*, *Epilobium oreganum*, and *Viola primulifolia* ssp. *Occidentalis* and serpentine Darlingtonia wetlands and fens from Southwestern Oregon and Northwestern California.
- USDA USDI. 2006a. Protecting People and Natural Resources, A Cohesive Fuels Treatment Strategy.
- USDA, USDI. 2006b. Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development. BLM/WO.ST-06/021+3071. 84 pp. Denver, CO.
- USDA, Natural Resources Conservation Service. August 1995. RCA III Effects of Sediment on the Aquatic Environment: Potential NRCS Actions to Improve Aquatic Habitat Working Paper. No. 6 Janine Castro and Frank Reckendorf. Department of Geosciences, Oregon State University. Corvallis, OR.
- U.S. Department of Commerce (USDC), National Oceanic and Atmospheric Administration (NOAA), National Weather Service. 1973. Precipitation-frequency atlas of the western United States, Volume X, Oregon. Atlas 2, 43 plates. Prepared by J.F. Miller, R.H. Frederick and R.J. Tracey. Silver Spring, Md.
- USDC, NOAA, National Marine Fisheries Service (NMFS). 1996. *Making Endangered Species Act Determinations of Effect for Individual or Grouped Actions at the Watershed Scale*. August 1996. [http://www.nwr.noaa.gov/1habcon/habweb/habguide/matrix\\_1996.pdf](http://www.nwr.noaa.gov/1habcon/habweb/habguide/matrix_1996.pdf)





USDC, NOAA, National Marine Fisheries Service. 18 March 1997. Biological Opinion and Conference Opinion. Implementation of Land and Resource Management Plans and Resource Management Plans. Northwest Region.

USDC, NOAA, Fisheries Office of Protected Resources. Pacific Salmonids: Major Threats and Impacts website: <http://www.nmfs.noaa.gov/pr/species/fish/salmon.htm>

USDC, Bureau of Economic Analysis. 2006. Regional accounts data. November 2006. [www.bea.gov/bea/regional/data.htm](http://www.bea.gov/bea/regional/data.htm).

USDI, BLM. 1960. Statistical Appendix to the Annual Report of the Director, Bureau of Land Management to the Secretary of the Interior for the fiscal year ended June 30, 1960.

USDI, BLM. Manual Handbook H-1741-1 - "*Fencing*."

USDI, BLM. Manual Handbook H-1741-2 - "*Water Developments*."

USDI, BLM. Manual Section 8110.42. "*Management Use Categories*."

USDI, BLM. 1970. Public Land Statistics.

USDI, BLM. April 1979. Wilderness Proposed Initial Inventory. Roadless Areas and Islands Which Clearly Do Not Have Wilderness Characteristics in Oregon and Washington.

USDI, BLM. August 1979. Wilderness Review, Initial Inventory. Final Decision on Public Lands Obviously Lacking Wilderness Characteristics and Announcement of Public Lands to be Intensively Inventoried for Wilderness Characteristics in Oregon and Washington.

USDI, BLM. March 1980. Wilderness Review, Intensive Inventory. Final Decision on 30 Selected Units in Southeast Oregon and Proposed Decisions on other Intensively Inventoried Units in Oregon and Washington.

USDI, BLM. November 1980. Wilderness Inventory. Oregon and Washington. Final Intensive Inventory Decisions.

USDI, BLM. 1986. Timber Productivity Classification - TPCC Handbook 5251-1

USDI, BLM. 1991. Summary of the Analysis of the Management Situation, for the Salem, Eugene & Coos Bay (January, 1991), Roseburg & Medford (February, 1991) District Office Resource Management Plans.

USDI, BLM. 1994a. Salem District Proposed Resource Management Plan/Final Environmental Impact Statement.

USDI, BLM. 1994b. Eugene District Proposed Resource Management Plan/Environmental Impact Statement.

USDI, BLM. 1994c. Roseburg District Proposed Resource Management Plan/Environmental Impact Statement.

USDI, BLM. 1994d. Coos Bay District Proposed Resource Management Plan/Environmental Impact Statement.





- USDI, BLM. 1994e. Medford District Proposed Resource Management Plan/Environmental Impact Statement.
- USDI, BLM. 1994f. Klamath Falls Resource Area Resource Management Plan/Environmental Impact Statement.
- USDI, BLM, Coos Bay District. 1995. Conservation Strategy for *Phacelia argentea*.
- USDI, BLM. 1996a. Partners Against Weeds: An Action Plan for the Bureau of Land Management. Washington, D.C.
- USDI, BLM. 1996b. Updated 2002. Western Oregon Districts. Transportation Management Plan.
- USDI, BLM. 1996c. Topsy/Pokegama Landscape Analysis. Lakeview District, Klamath Falls Resource Area. Klamath Falls, OR.
- USDI, BLM. August 12, 1997. Standards for Rangeland Health and Guidelines for Livestock Grazing Management for Public Lands Administered by the Bureau of Land Management in the States of Oregon and Washington.
- USDI, BLM. January 16, 2001a. Inventory & Monitoring System: Current Vegetation Survey Field Procedures, Natural Resource Inventory Oregon/Washington. 173pp.
- USDI, BLM. Release 6-121. January 19, 2001b. BLM Manual 6840 Regulations - Special Status Species Management.
- USDI, BLM. 2001c. North Bank Habitat Management Area/ACEC Record of Decision, Habitat Management Plan and Monitoring Plan. Roseburg District, BLM. Roseburg, OR.
- USDI, BLM. 2001d. Reasonably Foreseeable Development Scenario for Oil and Gas Development in the Buffalo Field Office Area, Campbell, Johnson, and Sheridan Counties, Wyoming. 25pp. Wyoming State Office-Reservoir Management Group.
- USDI, BLM. 2002. Pokegama Wild Horse Herd Management Area Plan. Lakeview District, Klamath Falls Resource Area. Klamath Falls, OR.
- USDI, BLM. March 25, 2003. BLM-Instructional Memorandum No. OR-2003-054. Oregon/Washington Special Status Species Policy.
- USDI, BLM. 2004a. New River Area of Critical Environmental Concern Management Plan. Coos Bay District, BLM. North Bend, OR.
- USDI, BLM. 2004b. Timbered Rock Fire Salvage and Elk Creek Watershed Restoration Final Environmental Impact Statement. Medford District, BLM. Medford, OR.
- USDI, BLM. 2004c. Implementation of Special Status Species Policies for the Former Survey and Manage Species. BLM-Information Bulletin No. OR-2004-145. 4 pp
- USDI, BLM. 2004d. Implementation of Special Status Species Policies for the Former Survey and Manage Species. BLM-Information Bulletin No. OR-2004-145. 4 pp



USDI, BLM. 2004e. Implementation of the 2004 Record of Decision to Remove Survey and Manage Mitigation Measure Standards and Guidelines, BLM-Information Bulletin No. OR-2004-121.

USDI, BLM; Roseburg District and U.S. Fish and Wildlife Service (USFWS); Roseburg Field Office. 2004f. Conservation Agreement for *Calochortus coxii* (Crinite Mariposa Lily).

USDI, BLM; Medford District; USFWS; and The Nature Conservancy of Oregon. 2004g. Draft Conservation Agreement for *Limnanthes floccose* Howell ssp. *pumila* (Dwarf Woolly Meadowfoam).

USDI, BLM. 2005a. Draft Vegetation Treatments Using Herbicides on Bureau of Land Management Lands in 17 Western States Programmatic Environmental Impact Statement. Washington, D.C.

USDI, BLM. 2005b. North Spit Management Plan. Coos Bay District, BLM. North Bend, OR.

USDI, BLM. 2006. County Budget Data for FY2005 - BLM Western Oregon Plan Revision. Portland, OR.

USDI, BLM. 2006a. Unpublished rare plant database: GeoBob. Portland, OR.

USDI, BLM. 2006b. Recreation Management Information System. Data retrieved from <http://rmis.blm.gov/>

USDI, BLM. 2007. Geographic Information System (GIS) Data Layers. Oregon State Office. Portland, OR.

USDI, USFWS. 1983. Columbian White-Tailed Deer Recovery Plan. Portland, OR.

USDI, USFWS. 1986. Recovery plan for the Pacific bald Eagle. Portland, OR.

USDI, USFWS. 1990. McDonald's Rock-cress, (*Arabis mcdonaldiana* Easwood) Recovery Plan. 40 pp. Portland, OR.

USDI, USFWS. 1992. Draft final recovery plan for the northern spotted owl. Portland, OR.

USDI, USFWS. 1993. *Lomatium bradshawii*, (Bradshaw's lomatium) Recovery Plan. 47 pp. Portland, OR.

USDI, USFWS. 1996. Water Howellia (*Howellia aquatilis*) Recovery Plan. 52 pp. Helena, MT.

USDI, USFWS. 1997. Recovery plan for the threatened marbled murrelet (*Brachyramphus marmoratus*) in Washington, Oregon and California. Region 1. Portland, OR.

USDI, USFWS. 1998a. Recovery Plan for the Threatened Nelson's Checker-mallow (*Sidalcea nelsoniana*). 61 pp. Portland, OR.

USDI, USFWS. 1998b. Recovery Plan for the Endangered Western Lily (*Lilium occidentale*). 82 pp. Portland, OR.



- USDI, USFWS. 1998c. Recovery Plan for the Applegate's Milk-vetch (*Astragalus applegatei*). 41 pp. Portland, OR.
- USDI, USFWS. 2000. Recovery Plan for the Golden Paintbrush (*Castilleja levisecta*). 51 pp. Portland, OR.
- USDI, USFWS. 2001a. Western Snowy Plover (*Charadrius alexandrinus nivosus*) Pacific Coast Population Draft Recovery Plan. Region 1. Sacramento, CA.
- USDI, USFWS. 2001b. Oregon Silverspot Butterfly (*Speyeria zerene hippolyta*) Revised Recovery Plan. Region 1. Portland, OR.
- USDI, USFWS. 2003a. Recovery Plan for the Rough Popcornflower (*Plagiobothrys hirtus*). 60 pp. Portland, OR.
- USDI, USFWS. 2003b. Recovery plan for *Fritillaria gentneri* (Gentner's fritillary). viii + 89 pp. Portland, OR.
- USDI, USFWS. 2003c. Recovery Outline for *Lomatium cookii* (Cook's Lomatium) and *Limnanthes floccosa* ssp. *grandiflora* (Large-flowered Woolly Meadowfoam). 19 pp. Portland, OR.
- USDI, USFWS. 2003d. Website for Lost river and Shortnose suckers. Created by: Oregon Fish and Wildlife Office. <http://www.fws.gov/oregonfwo/EndSpp/FactsFish/LRsucker.htm>  
<http://www.fws.gov/oregonfwo/EndSpp/FactsFish/Shortnose.htm>
- USDI, USFWS. 2004a. Northern spotted owl five-year review: summary and evaluation. Portland, OR.
- USDI, USFWS. 2004b. Marbled murrelet 5-year review process. Region 1. Portland, OR.
- USDI, USFWS. 2005. Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon. Region 1. Portland, OR.
- USDI USFWS. 2006a. Recovery Outline for *Lupinus sulphureus* ssp. *kincaidii* (Kincaid's lupine). 23 pp. Portland, OR.
- USDI, USFWS. 2006b. Draft Recovery Plan for Listed Species of the Rogue Valley Vernal Pool and Illinois Valley Wet Meadow Ecosystems. Portland, OR.
- USDI, USFWS. Roseburg Field Office. 2006. personal communication from Lynn Gemlo, copy of latest state of the species section for the northern spotted owl.
- USDI, U.S. Geological Service. USGS web page for suckers: <http://wfrs.usgs.gov/research/fish%20populations/STShively2.htm>  
[http://www.fws.gov/pacific/bulltrout/final/pdf/BT\\_combined\\_revised100605.pdf](http://www.fws.gov/pacific/bulltrout/final/pdf/BT_combined_revised100605.pdf)
- USDI, U.S. Geological Survey. 2007. Mineral Commodity Summaries.
- United States Environmental Protection Agency. 2000. The history of drinking water treatment. Office of Water, EPA-816-F-00-006.



- United States International Trade Commission. 2006. <http://www.usitc.gov/>
- University of Washington (Salo, E. and T. Cundy, editors). 1997. *In: Streamside management: forestry and fishery interactions*. Institute of Forest Research No. 57-1987, Chapter 2. E. Salo and T. Cundy, editors. College of Forest Resources, University of Washington. Seattle, WA.
- Vance, Nan C., Melissa Borsting, David Pilz and Jim Freed. 2001. Special forest products: species information guide for the Pacific Northwest. General Technical Report PNW-GTR-513. 169 pp. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR. <http://www.treesearch.fs.fed.us/pubs/3075>
- Vander Schaaf, D., M. Schindel, D. Borgias, C. Mayer, D. Tolman, G. Kittel, J. Kagan, T. Keeler-Wolf, L. Serpa, J. Hak and K. Popper. 2004. Klamath Mountains Ecoregional Conservation Assessment. The Nature Conservancy. Portland OR.
- Van Sickle, J. and S.V. Gregory. 1990. Modeling inputs of large woody debris from falling trees. *Canadian Journal of Forest Research* 20: 1593-1601.
- Verts, B.J. and L.N. Carraway. 1998. *Land Mammals of Oregon*. University of California Press. Berkeley, CA.
- Vessely, D., W.C. McComb, J.M. Weikel and D. Bigger. 2001. Wildlife and coarse-filter biodiversity assessment. *In: Umpqua Land Exchange Project Multi-Resource Land Allocation Model Handbook*. Umpqua Land Exchange Project. Portland, OR.
- Vessely, D.G. and W.C. McComb. 2002. Salamander abundance and amphibian species richness in riparian buffer strips in the Oregon Coast Range. *Forest Science* 48(2):291-297.
- Wagner, E., E. Hansen, S. Leavengood, J. Punches and S. Bowers. 2003. *The Big Log Project*. Wood Science and Engineering. 101 pp. Oregon State University. Corvallis, OR.
- Walburger, K., T. DelCurto and M. Vavra. 2005. The effects of herbivory and timber harvest on understory production in northeastern Oregon. Papers presented at Range Field Day. Union, OR.
- Walker, G. and P. King. 1969. Geologic map of Oregon: U.S. geological Survey, Map 1-595.
- Wallin, D.O., F.J. Swanson and B. Marks. 1994. Landscape pattern response to changes in pattern generation rules: land-use legacies in forestry. *Ecological Applications* 4:569-580.
- Ward, J. W. Jr. 1990. Spotted owl reproduction, diet and prey abundance in northwest California. M.S. Thesis. Humboldt State University. Arcata, CA.
- Ward, J. W. Jr., R.J. Gutiérrez and B.R. Noon. 1998. Habitat selection by northern spotted owls: the consequences of prey selection and distribution. *The Condor* 100:79-92.
- Warren, Debra D. 2006. Production, Prices, Employment and Trade in Northwest Forest Industries. Pacific Northwest Research Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.



- Washington State Department of Natural Resources. 1997a. Standard methodology for conducting watershed analysis, version 4.0, Appendix C hydrologic change. online: [<http://www.dnr.wa.gov/forestpractices/watershedanalysis/manual/>]
- Washington State Department of Natural Resources. 1997b. Surface Erosion Module vs. 4.0. Online: [<http://www.dnr.wa.gov/forestpractices/watershedanalysis/manual/hydrology.pdf>]
- Washington State Department of Natural Resources. 2005. Definition and Inventory of Old Growth Forests on DNR-Managed State Lands. Olympia, WA.
- Watterson, Nicholas A. and J. Jones. 2006. Flood and debris flow interactions with roads promote the invasion of exotic plants along steep mountain streams, western Oregon. *Geomorphology* 78 (2006) 107-123.
- Weaver, W. and D. Hagans. 1996. Aerial reconnaissance evaluation of 1996 storm effects on upland mountainous watersheds of Oregon and southern Washington. Pacific Watershed Associates. Arcata, CA.
- WeedMapper Team, Dept. of Rangeland Resources, Oregon State University. Copyright, 2004a. Retrieved July, 2006 from: <http://www.weedmapper.org/maps.html>
- WeedMapper Team, Department of Rangeland Resources, Oregon State University. Copyright, 2004b. Retrieved September 5, 2006 from: <http://www.weedmapper.org/eues.html>
- WeedMapper Team, Dept. of Rangeland Resources, Oregon State University. Copyright, 2004c. Meadow knapweed (*Centaurea pratensis* Thuill., non Salisb.). Retrieved January 25, 2007: <http://www.weedmapper.org/cede5.html>
- WeedMapper Team, Dept. of Rangeland Resources, Oregon State University. Copyright, 2004d. Spotted knapweed (*Centaurea maculosa* auct. non Lam.). Retrieved January 29, 2007 from: <http://www.weedmapper.org/cebi2.html>
- Weir, R.D. and A.S. Harestad. 2003. Scale-dependent habitat selectivity by fishers in south-central British Columbia. *Journal of Wildlife Management* 67:73-82.
- Weisberg, P.J. and F.J. Swanson. 2003. Regional synchronicity in fire regimes of western Oregon and Washington. *Forest Ecology and Management* 172:17-28.
- Wemple, B.C. 1994. Assessing the role of logging-access roads in two large forested basins in the western cascades of Oregon. M.S. thesis. Oregon State University. Corvallis, OR.
- Wemple, B.C., J. Jones and G. Grant. 1996. Channel network extension by logging roads in two basins, western Cascades, Oregon. *Journal of the American Water Resources Association* 32(6):1195.
- Wemple, B.C. 1998. In: Jones, J.; F. Swanson, B. Wemple, and K. Snyder. 2000. *Effects of Roads on Hydrology, Geomorphology, and Disturbance Patches in Stream Networks*. Conservation Biology. 14(1):76-85.
- Wemple, B.C. and J. Jones. 2003. Runoff production on forest roads in a steep mountain catchment. *Water Resources Research* 39(8)1220.



Western Wood Products Association. 2006. 2005 Statistical Yearbook of the Western Lumber Industry. Portland, OR.

Whiteaker, personal com. 2007

Whitney, L.W. 2002. Ecological Relationships Between Columbian White-tailed and Black-tailed Deer in Southwest Oregon. M.S. Thesis. Oregon State University. Corvallis, OR.

Wiley, T. 2006. Personal Communications with Tom Wiley, Geologist, State of Oregon Department of Geology and Mineral Industries Southwest Oregon Section Leader.

Willard, E. Earl; Ronald H. Wakimoto and Kevin C. Ryan. 1995. Vegetation recovery in sedge meadow communities within the Red Bench Fire, Glacier National Park. *In*: Fire in wetlands: a management perspective: Proceedings, 19th Tall Timbers fire ecology conference, November 3-6; 1995. pp. 102-110. Cerulean, Susan I.; Engstrom, R. Todd, editors. Tall Timbers Research Station. Tallahassee, FL.

Williamson, Richard L. 1973. Results of shelterwood harvesting of Douglas-fir in the western Cascades. Research Paper PNW-161. Pacific Northwest and Range Experimental Station, U.S. Department of Agriculture, U.S. Forest Service. Portland, OR.

Wimberly, M.C., T.A. Spies, C.J. Long and C. Whitlock. 2000. Simulating historical variability in the amount of old forests in the Oregon Coast Range. *Conservation Biology* 14(1): 167-180.

Wimberly, M.C. 2002. Spatial simulation of historical landscape patterns in coastal forests of the Pacific Northwest. *Canadian Journal of Forest Research* 32: 1316-1328.

Wimberly, M.C. and J.L. Ohmann. 2004. A multi-scale assessment of human and environmental constraints on forest land cover change on the Oregon (USA) coast range. *Landscape Ecology* 19: 631-646.

Wind Energy Resource Atlas of the United States. 2007. Chapter 3: Regional Summaries, the Northwest Region, Oregon and Washington Coast.

Winter, L.E., L.B. Brubaker, J.F. Franklin, E.A. Miller and D.Q. DeWitt. 2002. Initiation of an old-growth Douglas-fir stand in the Pacific Northwest a reconstruction from tree ring records. *Canadian Journal of Forest Research* 32: 1039-1056.

Wisdom, M.J., N.J. Cimon, B.K. Johnson, E.O. Garton and J.W. Thomas. 2004. Spatial partitioning by mule deer and elk in relation to traffic. *In*: Transaction of the Sixty-ninth North American and Natural Resources Conference held March 16-20, 2004, in Spokane, WA. J. Rahm, editor. Wildlife Management Institute. Washington, D.C.

With, K.A. and T.O. Crist. 1995. Critical thresholds in species' response to landscape structure. *Ecology* 76(8): 2446-2459.

Witmer, G. and M. Wisdom. 1986. Some important elk-forest habitat relationships for western Oregon and Washington. *In*: Proceedings of the 1986 Western States and Provinces Elk Workshop held March 17-19, 1986 in Coos Bay, Oregon. Eastman, D.L., editor. Oregon Department of Fish and Wildlife. Portland, OR.





- Wright, K., K. Sendek, R. Rice and R. Thomas. 1990. Logging effects on streamflow: Storm runoff at Casper Creek in northwestern California. Pacific Southwest Forest and Range Experiment Station, U.S. Department of Agriculture, U.S. Forest Service. Arcata, CA.
- Wringler, N.H. and J.D. Hall. 1975. Effects of logging on water temperature and dissolved oxygen in spawning beds. *TransAmerican Fisheries Society* 104(1):111-121.
- Yaeger, J. Scott. 2005. Habitat at Fisher Resting Sites in the Klamath Province of Northern California. Thesis presented to Humboldt University. Arcata, CA.
- Young, J.A., D.W. Hedrick and R.F. Keniston. 1967. Forest cover and logging--herbage and browse production in the mixed coniferous forest of northeastern Oregon. *Journal of Forestry* 65: 807-813.
- Zabel, C.J., K.M. McKelvey and J.P. Ward, Jr. 1995. Influence of primary prey on home-range size and habitat-use patterns of northern spotted owls (*Strix occidentalis caurina*). *Canadian Journal of Zoology* 73:433-439.
- Zenner, E. 2000. Do residual trees increase structural complexity in Pacific Northwest coniferous forests? *Ecological Applications* 10(3): 800–810.
- Zenner, E.K. 2005. Development of tree size distributions in Douglas-fir forests under differing disturbance regimes. *Ecological Applications* 15(2): 701–714.
- Zielinski, William J., Neil Duncan, Emma C. Farmer, Richard L. Truex, Anthony P. Clevenger and Reginald Barrett. 1999. *Diet of Fishers (Martes Pennanti) at the Southernmost Extent of their Range*. *Journal of Mammalogy* 80(3):961-971, 1999.
- Zielinski, William J., Richard L. Truex, Gregory A. Schmidt, Frederick V. Schlexer, Kristin N. Schmidt, and Reginald H. Barrett. 2004. Resting Habitat Selection by Fishers in California. *Journal of Wildlife Management* 68(3):475-492.
- Ziemer, R. R. 1981. Storm flow response to road building and partial cutting in small streams of Northern California. *Water Resources Research* 17(4): 907-917.
- Ziemer, R. R. and E.T. Keppeler. 1996. Hydrologic consequences of logging second-growth redwood watersheds. Conference on coast redwood forest ecology and management. Humboldt State University. Arcata, CA.
- Ziemer, R. R. 6 May 1998. Proceedings of the conference on coastal watersheds: the Caspar Creek story. 6 May 1998; Ukiah, California. Coastal watersheds: the Casper Creek story. 149 pp. Pacific Southwest Research Station, U.S. Department of Agriculture. U.S. Forest Service. Albany, CA.